EMIST and DRUGGIST NOVEMBER 20, 1943

The
HEMIST AND DRUGGIST
or RETAILER - WHOLESALER - MANUFACTURER

shed 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

28
XL NOVEMBER 20, 1943 Annual Subscription (with Diary) 25/- Single Copies 9d.

OUR
TRADING POLICY

The Pharmacist is
the logical and essential
link between physician
patient and ourselves

MEDICAL SPECIALITIES
ufactured by MAY & BAKER LIMITED distributed by
RMACEUTICAL SPECIALITIES (MAY & BAKER) LIMITED, DAGENHAM

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Parke, Davis & Co.

ask for the indulgence of pharmacists towards the firm's endeavours to secure, on the . . . basis of their customers' 1939 orders, a fair . . . distribution of . . . their own officially restricted stocks . . .

50 BEAK STREET, LONDON, W.1

Inc. U.S.A. Liability Ltd.

ilton Bulletin No. 17

P.A.T.A.

NO SHORTAGE OF MILTON NASAL SPRAYS!

There is no longer any shortage of Milton Nasal Sprays. A ar ago there was difficulty in meeting the demand, but the situa-on has now improved so much that no one need go short.

The Milton Nasal Spray is again featured in our autumn and winter vertising campaign in certain of the national and provincial Sunday pers, while reference is being made to it in appropriate advertisements ewhere. In view of the demand arising from this we would urge the ovision of ample stocks.

It should be noted that Nasal Sprays may be included in the Milton ? and £5 carriage paid bonus parcels. The retail price is 3s. 6d., free purchase tax.

MILTON ANTISEPTIC

Despite an assumption that Milton Antiseptic is only available in nited quantities, this is not the case. No doubt the misunderstanding ses because some other types of antiseptic are difficult to obtain.

Good stocks of both sizes of 'Milton' (8d. and 1s. 11½d.) are ailable for immediate despatch.

MILTON DENTURE POWDER

There is no longer a shortage of Milton Denture Powder. It is available two sizes, 1s. 3d. and 2s. 2d.

OTHER MILTON PRODUCTS

Good stocks of other Milton products are ready for despatch: Milton ntiseptic Ointment, 7d. and 1s. 1½d.; Milton Dental Cream, 1s. 2d. All ilton products may be included in the £2 and £5 carriage paid bonus rcels.

lton Antiseptic Ltd., Chapel Lane, Sands, High Wycombe, Bucks

A

ON YOUR FEET . . . OR OFF THEM

'B.F.I.' Powder comes in handy . . .

As an antiseptic dusting powder for relief of weary, burning feet as well as for treatment of superficial cuts and abrasions 'B.F.I.' bismuth-formic-iodide compound has demonstrated its exceptionally fine qualities during more than thirty-five years of use.

This finely milled, medicated, dry dressing is not only antiseptic and soothing, but astringent and absorbent as well. 'B.F.I.' powder brings welcome relief in the local treatment of minor skin irritations such as i bites. It has also proved effecti the control of *trichomonal vag* and foot ringworm — the so- "athlete's foot."

Everyone is travelling more and on foot and inquiries for 'B.F.I.' po will increase accordingly . . . Sto now with this superior antiseptic ing powder . . . Supplied in sprin top tins of $\frac{1}{4}$ ounce and $1\frac{1}{4}$ ou SHARP & DOHME, Ltd., Hodde Herts.

B·F·I POWDER

CROOKES' HALIBUT OIL

BIG NATIONAL ADVERTISING SCHEME COMMENCES SHORTLY

— ORDER STOCKS NOW!

RATIONING AND VITAMIN A

It can be anticipated that the demand for Crookes' Halibut Liver Oil this year will be greater than ever before.

Vitamins A and D are established as essentials to wartime dietary and extensive reminders of their value will be stressed in all advertisements in the National Press.

Owing to packing and other wartime difficulties, it is advisable to order your winter stocks as soon as possible. Our schedule of bonus parcels, as seen from the list, has not been altered.

TERMS OF SUPPLY

1. *Bonus in kind will be allowed only when one or more standard parcels G, H, J, K, L, M are ordered.*
2. *The order must be accompanied by cash. No pro-forma invoices can be issued.*
3. *Orders for broken parcels or unaccompanied by cash will not be entitled to bonus in kind.*
4. *Bonus in kind cannot be allowed on any other Halibut Oil Products.*
5. *We must reserve the right to restrict the number of parcels supplied to any one establishment and thereby, as far as possible, ensure fair distribution.*

CROOKES' HALIBUT LIVER OIL
Standard Parcels of Drops or Capsules only

	Bonus	Sell	£ s. d.
PARCEL G = 1 DOZEN			
12 x 15 c.c. 5/- Drops	1	5/-	3 0 0
Less 25%			15 0
			2 5 0
,, 10%			4 6
*Amount of cash with order			*£2 0 6
PARCEL H = 3 DOZEN			
36 x 5 c.c. 2/- Drops	3	2/-	3 12 0
Less 25%			18 0
			2 14 0
,, 10%			5 5
*Amount of cash with order			*£2 8 7
PARCEL J = 1 DOZEN			
12 x 30 c.c. 9/- Drops	1	9/-	5 8 0
Less 25%			1 7 0
			4 1 0
,, 10%			8 1
*Amount of cash with order			*£3 12 11
PARCEL K = 6 DOZEN			
72 x 5 c.c. 2/- Drops	12	2/-	7 4 0
Less 25%			1 16 0
			5 8 0
,, 10%			10 10
*Amount of cash with order			*£4 17 2
PARCEL L = 1 DOZEN			
12 x 100 Capsules	1	8/6	5 2 0
Less 25%			1 5 6
			3 16 6
,, 10%			7 8
*Amount of cash with order			*£3 8 10
PARCEL M = 3 DOZEN			
36 x 100 Capsules	3	8/6	15 6 0
Less 25%			3 16 6
			11 9 6
,, 10%			1 3 0
*Amount of cash with order			*£10 6 6

HE CROOKES LABORATORIES (*British Colloids Ltd.*) **PARK ROYAL, LONDON, N.W.10**
lephone : Willesden 6313 (5 *lines*) *Telegrams : Collosols, Harles, London*

"I know it is difficult"

Your customers continually ask for **SILATEX** and **SANTRON** and yet you cannot obtain sufficient supplies to meet the demand. We are doing our best to arrange distribution to wholesalers so that all Chemists obtain their fair share. The demand is ever increasing but the shortage of raw material is a matter we know you will understand.
There is no shortage of **RENDELLS** or **MENSINOLE** and all Wholesalers now have ample stocks, so continue to display Rendells Products for Feminine Hygiene. It creates new customers and gives confidence to regular users.
Special Chemists' Display Material is still available, so write to-day for a supply.

RENDELLS
SILATEX
SANTRON
MENSINOLE

RENDELLS PRODUCT

P.A.T.A.

For Feminine Hygien

W. J. RENDELL LTD · HARDWICK HOUSE · 161-5 ROSEBERY AVENUE · LONDON E.C.1

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An Advanced Formula

EVERY pharmacist will immediately recognise that this formula represents the latest step forward in vitamin therapy. VYKMIN contains the *six* essential vitamins—each in the *right* quantity, a powerful corrective in cases of systemic vitamin deficiency.

The Vykmin formula (2 capsules per day):

Vitamin A	4,500 I. Units
Vitamin B1	300 I. Units
Vitamin B2 (G)	100 Microgrammes
Vitamin C	500 I. Units
Vitamin D	1,000 I. Units
Nicotinic Acid (Niacin)	10 Milligrammes

Vykmin

MULTIPLE-VITAMIN CAPSULES

Stocks are necessarily limited but inquiries for supplies will be promptly dealt with in strict rotation by the sole distributors,

Wilcox Jozeau & Co., Ltd.,
74/77, White Lion Street, N.1.

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The "MODERN" TEAT

ANTI-COLIC. RECOMMENDED BY HOSPITALS, DOCTORS AND NURSES

Ball Top, one-hole perforation, ensuring constant and steady flow.

Buffer shoulder protects baby's mouth.

Tab enables teat to be slipped over bottle in an instant with minimum handling.

- General Resiliency MAKES IT NECESSARY FOR BABY TO WORK JAWS THEREBY RESEMBLING THE NATURAL NIPPLE.
- Collar ensures firm grip on bottle which CANNOT BE PULLED OFF BY BABY.
- Will stand Repeated STERILISATION.

MODERN in design and must be TRIED to be appreciated.

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e "MODERN" Teat has been specifically designed to meet the needs of both MOTHER and BABY, and—what is of vital importance in these days—it LASTS LONGER. It is hygienic, odourless and tasteless.

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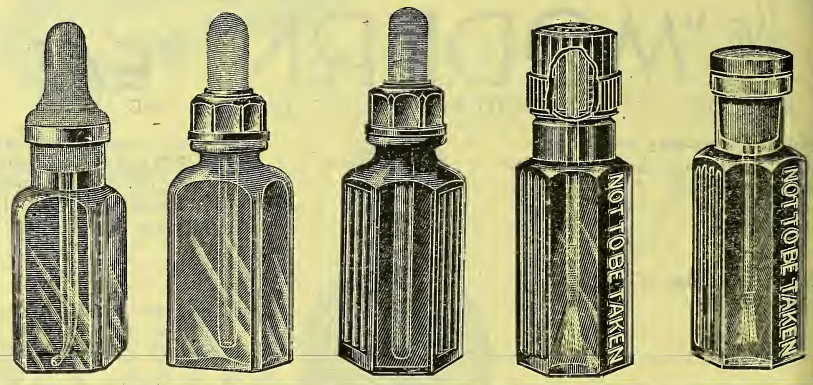

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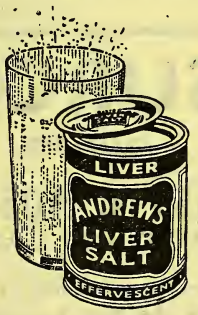
of the acute shortage of fiberite cases we are delivering Andrews loose wherever possible.

We realise that this involves some of our customers in extra work and a certain amount of inconvenience, and we offer our sincere thanks for their kind co-operation in this matter.

If you have any fiberite cases on hand, please keep them till our representative calls, when he will arrange for their collection. Thank you again!



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Medium and large sizes retailing at

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PLESOX

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Prestige with Prof

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B. V. U.

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The Control of Tins Order compels us to use a 5 ozs. avoir. (10 fluid ozs.) canister, instead of the 3¾ ozs. (1/6) size.

1/6 Size Withdrawn

Stocks of the 3¾ ozs. (1/6) size canister are exhausted. This size has been replaced by a 5 ozs. SMALL size, which retails at the proportionately higher consumer price of 2/- (P.A.T.A.) plus Tax 3d. Consumer prices for De Witt's Antacid Powder are now :—

2/- size (5 ozs.) SMALL pack plus Tax 3d. 2/3

3/4 size (10 ozs.) GIANT pack plus Tax 5d. 3/9

E. C. De WITT & Co., Ltd.

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PRODUCTS

To Chemists NOT serviced by our Representatives

MEDICATED TABLETS, VITA GLUCOSE, CONFECTIONS—Eastern Zone only — To all Chemists

The demands of War-time Control and to meet priority labour needs of an arsenal city, reduces:—

(a) Supplies to 45 per cent. pre-war.
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In spite of the foregoing we are continuing to meet all applications for quotas (45 per cent. pre-war) from our datum year purchasers. In fact at certain periods we have been able to increase allocations

(a) Owing to business casualties.
(b) Others entitled to quotas particularly from Scotland who have not applied.

We are woefully short of clerical staff to remind such chemists they are entitled to supplies, and they are asked to note these trade ANNOUNCEMENTS as our only means of communication.

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RELIEF
to the Asthmatic
GOODWILL
to the Chemist

30 TABLETS
3/4½
TRIAL SIZE
7 FULL DOSES
1/1½

PRICES INCLUDE PURCHASE TAX

P.A.T.A.

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The well known Restorative

s wonderful Medical Restorative BRINGS MEDIATE RELIEF IN ALL CASES OF RVE STRAIN, DEPRESSION, TIRED and TLESS APPEARANCE, MENTAL and YSICAL EXHAUSTION.

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PRICES (*including purchase tax*)
3/5 and 5/7½
(more than double quantity

British Made **AMPOULE FILES**
are now available
We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries
DOMINION STEEL CORPORATION
LTD.
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QUEEN'S ROAD, SHEFFIELD, 2

MANOIDS
NEVROIDS
URICURE TABLETS
OCCASIONAL PILLS
THE ACTON PILL & TABLET Co. Ltd.
ASH VALE, SURREY.
and all Sundries Houses.

A Greatly Improved Parmint Cough Syrup

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The adult dosage is now only 1–2 teaspoons, so the 1/5 bottle contains nearly twice as many doses.

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Make sure you have a stock of both.

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Sanitary Protection WORN INTERNALLY

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The next Examination will be held at Liverpool on December 7th and 8th, 1943

Last date of entry, Monday, 8th November, 1

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MILLAMALT *The* VITAMIN **MALT FOOD**

With Guaranteed Complement of Vitamins A, B, C &

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EMBOSSED LABELS,

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"I have prescribed Valderma Antiseptic Balm, made by Dae Health Laboratories Ltd., in cases of pyogenic infection of the skin, e.g., sycosis barbæ, impetigo contagiosa, with very good results."
Signed . . . M.B., B.Ch., F.R.C.P.

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". . . Perhaps you would tell your Directors that I have personally tested out your antiseptic cream on approximately 80 individuals suffering from Impetigo and in nearly every case the result has been highly satisfactory. Idiosyncratic response is rare. I am sure that you have a non-irritant antiseptic of value." Signed . . . M.D., F.R.C.S.

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5% for cash with order.
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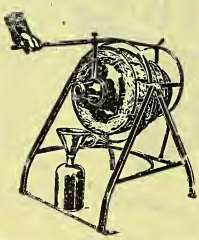

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CAPTIVE BOLT PISTOL

FOR CATS, DOGS AND ANY SIZED ANIMAL

GIVES INSTANTANEOUS UNCONSCIOUSNES —SAFE, SIMPLE, CLEAN, ECONOMICAL— RECOMMENDED AND USED BY THE R.S.P.C.A

ACCLES & SHELVOKE LTD., ASTON, BIRMINGHAM

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REVENT ALL DAMAGE BY MOTHS

The advertising of Mothaks goes on consistently in nearly a hundred newspapers and magazines. During the next few months, emphasis will be laid upon the importance of using Mothaks all the year round.

Increasing numbers of people are coming to realise that measures to combat the moth menace must be in operation during autumn and winter time. No one can afford ruined clothes nowadays, nor coupons needlessly expended on replacements.

Mothaks are good stock all the year round. They sell steadily where shown and enjoy the confidence of millions of users.

Advertisements are planned to appear throughout the autumn and winter months in the following magazines and newspapers.

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Mother and Home
Home Dressmaker
Everywoman
Woman's Illustrated
Woman's Journal
Woman and Home
Woman's Pictorial
Woman's Own
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Home Fashions
Woman's Weekly
Home Notes
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Daily Mail
Sunday Dispatch
London Evening Standard
Scottish Daily Express
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Glasgow Bulletin
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and numerous provincial newspapers.

Still 6½d. for a bag of eight Mothaks. No purchase tax.

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Telephone: Hunts Cross 1321 *Telegrams:* "Sanitas, Liverpool"

VEGETABLES FOR BABIES

— *ready strained!*

SPINACH
CARROTS
BEETROOT
PRUNES
} Picked at their prime; steam-cooked; vacuum-packed in glass bottles

ALSO BONE AND VEGETABLE BROTH

THE REASONS Brand's Baby Foods are superior to home-prepared vegetables :—

1. They are steam-cooked and packed *in vacuum.* Vitamin and mineral content are conserved. Full flavour and fresh colour retained.

2. They are so finely sieved that not a particle of irritant fibre remains.

The family doctor who knows well the importance of an infant's first solid food, will have every confidence in recommending Baby Foods made by Brand & Co. Ltd. to the busy war-time mother.

BRAND'S BABY FOODS

P.A.T.A. 7½d. a jar

Prepared by the makers of Brand's Essence

A GOOD TIP! We
backed by advertisin

This "easy to use" inhalant is "easy to sell" line. Its effica and compact form brings repe business.

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(T. M. Regd)
LIQUID INHALANT

MASCOT LABORATORIE
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No. 3—COSMETIC ORDE

NEAT EMBOSSED NAM AND ADDRESS SLIP

perfect register of cutting and printing

ARTHUR GREEN, M.P.S.
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WOLVERHAMPTON

Send for details and samples
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2 doz. 1/6 size, 27/- per parcel

Prices include all Purchase Taxes and Postage o carriage and buyers may have up to two doze for each shop and may re-order every mont whilst this special offer remains open.

Remittances must be sent with each order an cheques should be crossed National Provincia Bank, Ltd.

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LIQUID EXTRACTS
TINCTURES
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PHARMACEUTICAL
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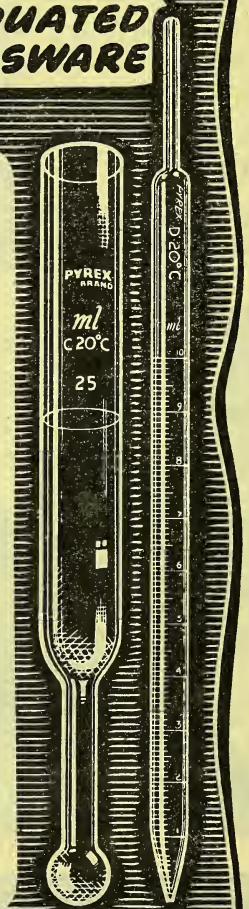

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PYREX Brand Graduated Glassware is supplied only through Laboratory Furnishers, but illustrated catalogue and two free copies of our Chemist's Notebook will be sent direct on application to us.

Ask for PYREX Brand and see that you get it!

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WEAR GLASS WORKS
SUNDERLAND.

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SELL US YOUR REDUNDANT STOCKS OF

TINS, BOTTLES, DRUMS, JAR

and containers of all types

QUANTITIES OF ANY TYPE, SHAPE AND SIZE PURCHASED FOR CASH

Please send samples and details of quantities

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If you are seeking supplies of any of these items, please send us your enquiries

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Telephone · PRIMROSE 0015-6 · *Telegrams* · CONTRECLAM-MAIDA LONDON

THE LARGEST CLEARING HOUSE IN THE COUNTRY FOR INDUSTRIAL CONTAINERS OF ALL TYPES

Always Sells!

THE LIVE LINE WITHOUT A DEAD SEASON—

Cuticura OINTMENT

223

● Cuticura Ointment—and equally popular Cuticura Soap, Cuticura Talcum Powder and Cuticura Shaving Stick—are in demand from January to December. How are *your* stocks.

INSULIN HOSPITAL PACKING

Important notice

Improved production methods enable the makers of Insulin A.B. and Insulin 'Wellcome' brand to reduce the prices of these products to the level of those now in force for H-A-B Insulin and Insulin Hospital Packing (B.W. & Co.).

This price reduction will operate on and after 1st January, 1944, when the manufacturers will cease to issue H-A-B Insulin and Insulin Hospital Packing (B.W. & Co.). After that date Insulin A.B. or Insulin 'Wellcome' brand will be supplied on all occasions when insulin is ordered.

The manufacturers regret that they are unable to accept existing stocks of H-A-B Insulin or of Insulin Hospital Packing (B.W. & Co.) for exchange or credit.

They will, however, give credit on the reduction in price of Insulin A.B. and Insulin 'Wellcome' brand remaining in the hands of distributors on 1st January, 1944.

ALLEN & HANBURYS LTD.

THE BRITISH DRUG HOUSES LTD.

BURROUGHS WELLCOME & CO.

WARRICK · BROS · L

R. HENDRIE & CO. • ESTAB. 1760 • MADDOCKS &C

FINE PRODUCTS FOR THE PHARMACY!

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Bulk Packed and Speciality
Halibut Liver Oil, Tonic
Cold Cure, Influenza
'Stankap' Asthma

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Bismuth Dyspepsia Tablets
'Carbo Absorbent' Granules
Digestive Granules
'Gestona' brand Tablets

OINTMENTS

Golden Eye Ointment
Skin and Eczema Ointment
Lanoline Ointment B.P.C.
Pile Ointments

PASTILLES (Medicated)

Comp. Glyc. of Thymol
Antiseptic Throat
Catarrh, Cough
and others but all temporarily
in restricted supply

COUGH & COLD Products

Cold Cure Capsules
Ephedrine Nasal Compound
Iomints Anti-catarrh Cream
Lozenges and Pastilles

DENTIFRICE & DENTURE Preparations

Tooth Paste
Effervescing Dentifrice Tablets
Effervescing Denture Tablets

PILE Preparations

Stainless Pile Ointment
and others
Suppositories
Pellae 8-day Treatment

LOZENGES & TABLETS

Usual popular formulae,
but all temporarily
in restricted supply.
Cough, Bismuth Comp.
Bismuth Dyspepsia, etc.

AND MANY OTHER LINES

Full details sent on application

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NEWS OF THE WEEK

ocolate and Sweets Ration.—There is hange in the amount of the ration or in value of personal points coupons for n period No. 5, which began on ember 11.

mpling of Rationed Foods.—An Order been made implementing the decision rovide for certain authorised officers to in samples of rationed foods without ng to surrender ration documents (see *D.*, October 2, p. 324).

estriction of Resale.—A General Board rade Licence (S. R. & O., 1943, No.), dated October 30, made under the e-Controlled Goods (Restriction of le (No. 2) Order, 1942, authorises es by tender of the stocks of retail nesses (prohibited hitherto, except r Board of Trade licence, by the Sales Auction and Tender (Control) Order, , or the Price-Controlled Goods (Retion of Resale) (No. 2) Order, 1942), nevertheless they are made by authority of cence under Article 5 of the former er.

Statutory Committee.—The Statutory Committee of the Pharmaceutical Society will meet at 17 Bloomsbury Square, London, W.C.1, at 11 a.m., on November 25, to consider information and evidence from which it appears that: (1) A member of the Society was convicted of receiving stolen goods; (2) a body corporate, which is an authorised seller of poisons, was convicted of offences under the Pharmacy Acts; and (3) a member of the Society was convicted of offences under the Dangerous Drugs Regulations.

Diploma in Biochemical Analysis.—The following entrants satisfied the examiners in the October examination for the Pharmaceutical Society's diploma in biochemical analysis: Raphael Abukhalil, Joan Allen, James Anderson, Thomas Armatage, Archibald Bell, Charles Coleman, Annie B. Elliott, Kathleen M. Johnson, Thomas J. C. Johnson, Shamsudin Karmali, David D. Miller, Edward E. Olding, Joan G. Organ, David J. Roberts, Arthur G. Shaw. John H. Spencer, Edward J. Taylor, Benjamin J.

Thomas, George J. Wale, and Walter H. Williams.

Dublin Fire.—A fire which broke out recently in a store at the rear of the pharmacy of Boileau & Boyd, Ltd., May Street, Dublin, caused some damage but did not extend to the pharmacy itself.

Inquest.—At an inquest recently on Mr. Arthur Henry Pinfold, M.P.S., 15 High Street, Hampton Wick, Middlesex, who died as the result of an omnibus accident, a verdict of accidental death was returned.

Glucose Tablets for Hypoglycæmia.—Glucose in tablet form is now available in sufficient quantity to meet the demand by diabetic patients. For this purpose the Ministry of Health, in co-operation with the Directorate of Medical Supplies, has arranged for a special allocation of glucose to go to the following manufacturers of the tablets: A. L. Simpkin & Co., Ltd., Hunter Road, Sheffield, 6; Smith & Co., 123 Borough, London, S.E.1; and Allen & Hanburys, Ltd., Bethnal Green, London, E.2.

Dublin Chemists' Rugby Club.—At the annual meeting of the Chemists' Rugby Club held in Dublin at the end of October the following officers were elected: *President*, Mr. F. X. Meagher, M.P.S.I.; *Captain*, Mr. D. J. O'Leary; *Vice-captain*, Mr. D. Mulvey; *Treasurer*, Mr. J. J. Tierney; *Secretary*, Mr. P. A. Moran. The following, with the officers, constitute the *Committee*: Messrs. M. Nicell, M.P.S.I., M. Fitzgerald, N. O'Malley, and P. O'Leary. The Club is in need of new members and all interested in rugby should communicate with the secretary, 197 North Circular Road, Dublin, or the treasurer, 69 Upper Dorset Street.

In the Courts.—At Liverpool Assizes, on November 13, Richard Albert Moneypenny and William M. Moneypenny, Everton, were each sentenced to two years' hard labour for conspiring to receive, and five years' penal servitude for receiving, property, including razor blades, belonging to the American Armed Forces, knowing it to have been stolen.—At Liverpool Assizes, on November 12, Myer Newman, general dealer, Islington, Liverpool, was found not guilty of receiving 18,720 razor blades, but guilty of selling razor blades in excess of the permitted price, failing to furnish invoices, and failing to keep proper stock records. Sentence was deferred.

Winter Health Campaign.—For the third winter in succession the Ministry of Health, in co-operation with the Ministry of Information, is launching a campaign to reduce the spread of coughs, colds, influenza a other droplet infections. Posters, vehic bills, window displays and films will be use but no Press advertising is planned, apa from spaces in the "What Do I Do series. The Board of Trade will co-opera by including in its "Make do and Menc advertisements advice on making handke chiefs out of worn-out sheets, etc. A windc display consisting of one large and s double-crown posters on the theme "This is the sneeze that Jack sneeze links up time lost through droplet infectio with war production. It will be shown shop window sites in the Ministry of Infc mation circuit from January 7 to 28.

Medical Speaker at Hull.—Dr. N. Gebb recently addressed members of the Hu Chemists' Association and Branch of t Pharmaceutical Society on "Some Aspec of Social Medicine." Dr. Gebbie said th at the end of the eighteenth century interest in health became apparent, a inquiries into the cause of diseases a epidemics began. Three main refor grew out of these inquiries at the time of t industrial reformation: Poor Law refor factory reform, and public health refor Up to 1927 all health services had put t emphasis on disease, but when the Physic and Recreation Act was passed, the pe dulum swung over to positive health, which a high standard of physical, ment and moral health could be sustained. I urged the advisability of immunisati for everybody, especially children, a gave examples to illustrate the necessit Mr. E. Brocklehurst proposed a vote thanks, and this was seconded by Mr. Ba who said he felt the public tended now obtain medicines to keep them in go health rather than wait until illness car upon them. The president of the Associ tion (Mr. H. Clappison) was in the chair.

British Barytes Producers' Associatio At its annual meeting recently, the Associ tion elected the following officers: *Cha man*, Colonel J. V. Ramsden, C.M.G., D.S. (Devonshire Baryta Co., Ltd.); *Vice-cha man*, Mr. Ian D. Orr (Arran Barytes C Ltd.; James Miller Son & Co., Ltd.; a William Wharton); *Treasurer and Tec nical Consultant*, Mr. Alexander Rei M.Inst.C.E., M.E., F.G.S.; *Auditor*, M S. Key (Hopton Mining Co., Ltd.); *Sec tary*, Mr. R. Murdin Drake, 166 Piccadill London, W.1. Moving adoption of t annual report, the retiring chairman (M D. J. W. Orr) said the object of t Association was to further the producti

barytes in this country. Much loose talk s going on about international trading nditions after the war, but he knew of policy less likely to be pursued than free d unfettered trade. International trade uld have to be carefully planned, and ports more carefully controlled even than merly. It was essential that every in-stry should examine ways and means, t only of putting production on as nomic a basis as possible, but also of biding wherever possible the importation its raw materials. Barytes producers uld not expect to be allowed to place con-ners at a disadvantage with competitors.

rish Drug Association.—Mr. F. X. agher (president) was in the chair at a eting of the committee of the Irish Drug sociation recently, when Mr. C. J. Cremen esident, Pharmaceutical Society of Ire-d) attended. THE CHAIRMAN welcomed . Cremen and said he was honouring the sociation in attending. MR. CREMEN lied by referring to the growing co-opera-n between the two bodies; this had been tered by his predecessor. He paid special bute to the help given by the Associa-n's two representatives on the Consul-tative Committee established by the Pharmaceutical Society. On the motion of THE CHAIRMAN, seconded by MR. T. R. BOURKE, Mr. Lyall G. Smith was nominated representative of the Association on a Committee on Medicinal Preparations set up by the Revenue Commissioners to deal with applications for exemption from certain duties. An application from the Irish Union of Distributive Workers and Clerks for an alteration in the existing Sunday and Bank holiday hours in greater Dublin, including Dun Laoghaire (suggested hours 11 a.m. to 1 p.m.) was agreed to after considerable discussion, the new hours to come into operation on November 14. The meeting noted with satisfaction a report of the County Kerry Association, recording efforts made by the Kerry chemists, particularly the local secretary (Mr. P. J. Kennelly), to improve organisation and co-operation amongst southern chemists. MR. C. J. DOHERTY, Westport (secretary of the Mayo Pharmaceutical Society) reported on the last meeting of that body, stating that Messrs. N. MacKane, Ballina, and A. O'Malley, Castlebar, had been re-elected president and treasurer respectively.

PARLIAMENTARY NEWS

Olive Oil Supplies.—In reply to a sug-tion on November 10 that olive oil uld be imported from the Mediterranean a instead of wine, the Parliamentary retary to the Ministry of Food said no ve oil was at present available from t source.

National Health Service.—Mr. Graham hite asked the Minister of Health on vember 11 if he was in a position to state en he hoped to be able to present his posals in regard to the health services. . E. Brown: No, sir. But I trust it will quite soon.

Synthetic Rubber Production.—Mr. Shin-ll asked the Minister of Production ently, whether he had concluded his otiations with the company which posed to produce synthetic rubber in s country, and with what result. The nister of Production (Mr. Lyttelton) lied: "No, Sir. The discussions are still ceeding." He gave an assurance that he s giving no encouragement to monopo-ic tendencies in the United States of erica, to the exclusion of this country.

Photographs on Airgraph Forms.—Mr. ach asked the Postmaster-General on vember 10 whether original photographs sent to his Department by relatives of members of the Forces serving overseas for airgraph letter transmission, and which were generally costly to the sender, could in future be returned to them if a stamped addressed envelope was provided for the purpose. Captain Crookshank, in reply, said the selection of original photographs printed on airgraph forms, for return to the sender, presented serious practical difficulties. He was, however, considering whether these could be overcome.

Export of Proprietary Medicines.—Major Procter asked the President of the Board of Trade on November 11 whether any further relaxation had been effected during the last three months with regard to restriction on the export of British branded goods; and whether, in view of the unfortunate consequences which result from the loss of goodwill for such goods in overseas markets, he would take steps to seek further facilities for export at the earliest opportunity. Mr. Johnstone, in reply, said he assumed his hon. and gallant Friend referred to proprietary medicines. Arrangements had been made under which reasonable quantities of these goods might be exported to the Middle East through the normal channels of trade. The traders concerned had been told.

LEGAL REPORTS

Theft and Receipt of Surgical Dressings.—On charges of stealing and conspiring to steal 117 doz. large and ninety-six doz. small tins of Elastoplast from T. J. Smith & Nephew, Ltd., surgical dressings manufacturers, Hull, Charles Stanley Oxtoby, motor driver; George Henry Dixon, foreman loader; and Harry Cowen, packer, employees of the company, were each sentenced at Hull Quarter Sessions on October 30 to three months' imprisonment. Arthur Pattison, box maker, was sentenced to nine months', and Arthur Jackson, dealer, to eighteen months' imprisonment for receiving the stolen goods. Robert Downs, general dealer, Withernsea, was acquitted on a receiving charge.

Guilty on Conspiracy Charges.—A trial arising out of what was described by the prosecution as "black market" transactions in razor blades and other articles (see *C. & D.*, September 25, p. 304, and October 16, p. 378) was concluded at Liverpool Assizes on November 13. Phillip Jacobs and Henry Simon Carr, both company directors, were each ordered to pay one-half of the cost of the prosecution. William Longton Fairhurst, Ph.C., superintendent of Carris's, Ltd., chemists, of which Jacobs and Carr are directors, was bound over for two years; and judgment upon Frederick Joseph Mulholland, salesman, was postponed. Jacobs said he and Carr held all the shares in Carris's, Ltd., except a small number held by Fairhurst, who had been buyer for the company for seventeen days when the transactions took place. Carr said he met Mulholland on May 20, when Fairhurst told him of the previous day's purchase, and that he would like to buy the balance of about 300 gross. Fairhurst stated that Mulholland was a stranger to him when he called on May 19. "I believed him to be a genuine person, and I did not think any further investigation about him was necessary. He told me 4½d. a blade was the correct retail price." Counsel defending Jacobs and Carr asked if the jury had ever heard of people engaged in "black market" transactions who kept careful records of them in the form of invoices and cheques, and who, before there was any inquiry by the police or the Board of Trade, repudiated the transactions, returned the goods, and stopped the cheques. Counsel for Fairhurst asked the jury to say that the transaction was an ordinary commercial one; there was nothing to put Fairhurst on his guard against Mulholland.

COMPANY NEWS

Grove Medicinal Products, Ltd. (P.C
—Capital £100. Manufacturing druggis
etc. Solicitors: Owen N. Davies, 4 Fi
bury Square, London, E.C.2.

John Houben, Ltd. (P.C.).—Capi
£500. Manufacturing chemists, manuf
turers of and dealers in medical, toilet a
veterinary preparations, etc. John
Houben and Stanley E. Wright, directo
R.O.: 9 Arundel Street, London, W.C.2

Anglo-Scottish Products, Ltd. (P.
—Capital £200. Chemists, druggists, d
salters, etc. George A. C. Maclachlan a
William C. A. Hodge, directors. R.O.:
Lister Road, Hillington, Glasgow.

Weston (Newcastle), Ltd. (P.C.)
Capital £1,000. To acquire the business
a retail chemist carried on as "Weston"
41 West Road, Newcastle-on-Tyne,
Effie Weston. Effie and Marian E. Wes
and William G. Clemitson, M.P.S., directo

Campbell Norris & Co., Ltd. (P.C.)
Capital £10,000. Manufacturing, analyti
pharmaceutical and industrial chemi
manufacturers of and dealers in chemi
photographic, surgical and scientific inst
ments and materials, etc. Arthur Campl
and Laura P. Norris, directors. R.O.:
Great Portland Street, London, W.1.

Browning & Hellens, Ltd. (P.C.)
Capital £1,000. To acquire the business
manufacturing and wholesale chemist c
ried on as Browning & Hellens at 14 No
Hill Terrace, Plymouth, by Leslie
Hellens, and to lease from him a registe
trade mark used in connexion therewi
Leslie G. Hellens, M.P.S., George Helle
M.P.S., and Joyce M. Hellens, directo

Reduction of Capital.—In the Chanc
Division, on November 8, a reduction of
capital of Papier Poudré, Ltd., fr
£40,000 to £32,000, by returning capita
excess of the wants of the company a
cancelling unissued capital, was confirm
It was stated that the company desired
repay capital on participating prefere
shares. The nominal capital was £40,0
Of that, £29,000 was issued in payment
the business in 1925; in 1930 the cap
was increased by the creation of 20,
participating preference shares. Of th
16,500 had been paid for in cash.
company desired to repay 8s. per share
each of the 16,500 shares, and to red
their nominal value to 12s., thus reduc
the capital to £32,000.

TOPICAL REFLECTIONS

suse

The situation to which you call attention "Marines or Mines" (p. 494) should be ought to the notice of the Government h all the weight at the command of anised pharmacy. At the close of one of acts of "Peer Gynt," Ibsen makes the o remark, on seeing a ship sink with tain of his enemies on board, "Provi- nce is kind—but not economical!" The mmittee on National Expenditure faith- y records, on occasion, instances of artmental ineptitude in accepting ten- s, in supervising work and so forth; but re is equal or greater need for realisation the deplorable maltreatment of technical ll in such ways as the dragooning of armacists into mining and other mechan- l operations. Can it be urged that public icy demands this cold indifference to already serious shortage of qualified pensers? To tell men who are working ll out" in the vocation for which they ve been trained that the nation has no ed of them except as hewers of coal or rines is to take the heart out of them, to gender a fatalism that augurs ill for the ure. It is irrelevant to know (for what knowledge is worth) that the health of nation is officially certified as good: last great war did not pass without a ious epidemic of influenza, and it may be at a similar experience is in store for us. es one of our numerous ministries pro- se, in the event of the accredited dis- nsing service breaking down, to distribute mpressed tablets of "approved" com- sition to the public at British restaurants post offices?

acks

An offensive reference to dispensing emists in juxtaposition with quacks has, ry properly, been made the subject of a otest by the resident secretary in Scot- nd of the Pharmaceutical Society (p. 488). tween pharmacy and quackery there is great gulf. After writing on Read and ylor, the notorious eighteenth-century ulists, a few weeks ago, it occurred to me see what mention, if any, is made of them Wootton's "Chronicles of Pharmacy." ead was found to receive an incidental ference extending to eight lines, and the Chevalier" was not mentioned. The thor's index entries on the same subject e few, and require previous knowledge they are to be located. Quackery in edicine has a lengthy history, and would be more amusing than it is if we could forget its sinister aspect. The Earl of Rochester's escapade on Tower Hill in the early part of Charles the Second's reign was, of course, a lark, and may be summed up by saying that if he was not the Doloso Euprontorio of the advertisement, he was quite willing that the world should think he was. In France, three centuries earlier, unqualified practitioners of medicine gave a good deal of trouble. A "noble lady" was charged in 1322 with practising medicine and surgery "indebite et illicite." After evidence had been heard, the Paris Faculty of Medicine held that she was totally ignorant of the healing art, with the result that a sentence of excommunication was passed by the appropriate authority. In another case of the same period an unqualified surgeon accidentally broke a mortar when using it: this was hailed as a miraculous judgment.

Barometers

Mr. A. H. Hale's letter on a Fitzroy barometer (p. 504) calls renewed attention to your historical article on barometers in an earlier issue. The only one of this type that I see regularly possesses the "storm glass" referred to; it has been in use since about 1880, and I believe this appendage has ceased to function. Barometers have, so far as my reading extends, been much neglected by novelists, in contrast to their frequent references to the weather; the only instance that I can recall of a well-known writer of fiction mentioning this familiar amenity is in Chapter 35 of Anthony Trollope's "Barchester Towers," where we read that prior to an open-air event of much importance to the hostess "the glass had been rising for the last three days." It is duly added that the appearance of the morning sky was favourable. Some of your readers may be able to supplement this meagre gleaning. One of the two barometers in use by me is of the old "wheel" type, made by J. Fagioli of London, a name I have not seen elsewhere. It has, high up on the case, the not very common "dry—damp" indicator, with a double scale of graduations. The use of this, I am assured, was regarded as a wise precaution when on a journey in the old coaching days. Detached from its holder, it was packed among the luggage. On reaching his bedroom in a hotel, the owner placed it in the bed; if it indicated much humidity, he no doubt rang the bell and demanded a warming pan from the innkeeper.

Xrayser

TRADE NOTES

Oleo Resins.—Inquiries for podophyllin, jalap, and the oleo resins of ginger and capsicum, are invited by Stafford Allen & Sons, Ltd., Wharf Road, London, N.1.

Approved Prices.—The Central Price Regulation Committee has approved wholesale and retail maximum prices of Karsote lozenges, as follows:—3s. 4½d. doz. boxes, plus tax; inclusive retail price 5d.

The Chilblain Season.—Details of the circumstances in which Ostocalcium tablets are to be preferred to colloidal calcium with Ostelin ampoules for injection, and vice-versa, were given in an announcement recently by Glaxo Laboratories, Ltd., Greenford, Middlesex.

Supplement to War-time Diet.—As a means of replacing deficiencies of iron in present-day diets, Evans Sons Lescher & Webb, Ltd., Liverpool, recommend chemists to stock and offer Colliron, a palatable and assimilable iron-containing product which is available in bottles of 4 oz., 8 oz., 40 oz., and 80 oz.

Manufacturers' Containers Needed.—Macleans, Ltd., Great West Road, Brentford, Middlesex, point out that it is now more than ever essential that all cardboard railway containers for Macleans' products should be returned at once. Instructions on how to pack and forward them are given elsewhere in this issue.

Vitamin-B Complex Tablets.—Allen & Hanburys, Ltd., Bethnal Green, London, E.2, have introduced Vibeto tablets, which present in concentrated form the natural B-complex as found in yeast, two tablets containing 300 units B_1. This amount is regarded as the correct supplement to the normal adult diet. The tablets are packed in 25's and 100's, and are not subject to purchase tax.

Propaganda for Ulster.—The Government of Northern Ireland has issued a twelve-page booklet entitled "Ulster, the British Bridge-Head," giving notes and illustrations of Ulster scenery, trade, method of government, war effort and strategic importance. Copies may be obtained on application to the Information Section, Ulster Office, 21 Cockspur Street, London, S.W.1.

Eighth Edition of Booklet.—Supplies of the booklet "The Crisis of a Woman's Life" are still available gratis to chemists who place orders for Menopax with the distributors, Scott & Bowne, Ltd., Wexl Springs, Stoke Poges, Slough, Bucks. charge of threepence per copy must made for the eighth edition, but chem holding supplies of earlier editions bearing the price on the cover may cont to distribute them free to the public.

Produce Changes.—Enzyme Produ Ltd., Ludgate House 107–11 Fleet Str London, E.C.4, announce that the ma facture of Nujoy for the feet as been continued. The company's consultants engaged in research on enzyme action applied to the treatment of skin haza oil acne, industrial dermatitis, etc., they have in production a new specia —Enzygene enzyme compound—for r matism, fibrositis, sciatica and lumb The new preparation, based on a well-kn formula, is reinforced by active enzy on the theory that the effect of the enzy is most important in subcutaneous tr ments. A diastase-pancreatic enzyme c pound for the relief of gastric disord indigestion, etc., is being introduced u the name of Enzyvite.

Business Changes

Mr. M. Freeman, M.P.S., has taken the pharmacy of Mr. J. McDevitt, Lightbowne Road, Moston, Manchester,

Mr. Ludwig I. Florsheim has taken an appointment with Fallek Products manufacturers, importers, and exporter fine chemicals, 149 Broadway, New Y City, U.S.A.

Bryco Sales Agencies have remo to more commodious premises at 21 22 Park Street, Swansea, where they h opened new offices and showrooms. William D. Bryan, who was recently charged from the Royal Air Force medical grounds, has returned to the eral sales management of the firm, wh has also recently been appointed sole ag in South and West Wales for Burge, Wan & Ridgley, Ltd., chemists' sundries London.

Proprietary Articles Trade Associat

Alterations to Protected List.—*Henry Miner, Ltd.* Revised terms to retailers: *App dine*, 10 per cent. cash discount on g quantities, 5 per cent. on ½-gross lots.

Modern Health Products, Ltd. Natex v table soap, no longer packed in boxes. Pr for single tablets: 3-oz., 5s. doz., tax 1s. doz., inclusive retail price, 9d.

PERSONALITIES

R. W. GILL HODGSON, Clerk to the rpool Insurance Committee, has been ed president of the National Associa- of Insurance Committees.

R. H. HUMPHREYS JONES, F.I.C., Ph.C., een appointed treasurer for the North s area for a Welsh Presbyterian Church for post-war work. A sum of £100,000 med at.

R. HENRY U. WILLINK, K.C., the new ster of Health, has been a member of Parliament for North Croydon since 1940. From 1940 until October 1943 he was Special Commissioner for the care and rehousing of the homeless in the London Civil Defence region. Mr. Willink is forty-nine. This is his first Ministerial appointment.

. H. U. Willink, K.C., M.P.

R. A. NEEDHAM, an employee of Boots e Drug Co., Ltd., Nottingham, has been inated to represent the drug industry Trades Union Congress delegation to United States.

APTAIN GILBERT ANDREW NIXON, en's Own Cameron Highlanders, a son e late Mr. H. Nixon (formerly chairman yrton, Saunders & Co., Ltd.), has been rded the Military Cross.

ESSRS. E. WOOLLEY, J.P., and W. E. OLLEY, M.P., M.P.S., directors of Cupal, ., manufacturing chemists, Blackburn, e been appointed to serve on the ckburn Juvenile Court Panel.

HANGE OF NAME.—Notice is given in "London Gazette," November 12, t Benny Stocklinsky, M.P.S., 136 Balls d Road, Islington, London, N.1, intends ssume by deed poll, after twenty-one s, the name of Ben Stock.

IR. GEOFFREY E. HOWARD, chairman of vards & Sons, Ltd., chemical manufac- rs, Ilford, contributed to "The Times," vember 11, a letter on the need for vernment encouragement for the construction and expansion of research laboratories by industrial concerns.

MR. IAN V. L. FERGUSSON, the new chairman of directors of Evans Sons Lescher & Webb, Ltd., Liverpool (see *C. & D.*, November 13, p. 482), is a nephew of the late Mr. J. H. E. Evans, whom he succeeds. He remains managing director of the company. Mr. Fergusson joined the company in 1919 and has been a director since 1927. He has taken a leading part in guiding the company through the difficulties resulting from the destruction of the Liverpool works.

COMING EVENTS

Sunday, November 21

MANCHESTER PHARMACEUTICAL ASSOCIATION.—Ramble from Whaley Bridge. Meet London Road Station, 10.10 a.m. Book Whaley Bridge return. Carry lunch.

Tuesday, November 23

ROYAL INSTITUTION, 21 Albemarle Street, London, S.W.1, at 5.15 p.m. Professor J. C. Drummond, D.Sc., on "Food Problems of the Post-war Years" (first of a series of four weekly lectures).

Wednesday, November 24

CHEMISTS' FRIENDS ASSOCIATION, Holborn Restaurant, London, W.C.2, at 1 p.m. Annual luncheon to C.F. manufacturers.

Thursday, November 25

NEWCASTLE-ON-TYNE BRANCH, NATIONAL PHARMACEUTICAL EMPLOYEES' UNION, Crown Hotel, Clayton Street, Newcastle-on-Tyne, at 7 p.m. Meeting.

CHEMICAL SOCIETY, Manchester University Chemistry lecture theatre, at 5.30 p.m. Dr. H. J. Emeléus, A.R.C.S., on "Modern Technique in Inorganic Chemistry."

Friday, November 26

ROYAL INSTITUTION, 21 Albemarle Street, London, S.W.1, at 4.30 p.m. Sir Joseph Barcroft, C.B.E., F.R.S., on "The Preservation of Foods by Drying."

C. & D. QUIZ NO. 15

1. What is Ruby wood?
2. What is styrone?
3. What is Indian tobacco?
4. Of whom was it said "La revolution n'a pas besoin de savants"?
5. What is butter of antimony?
6. What is corn syrup?
7. What is yellow jasmine root?
8. What is bixa seed?
9. What is Uradal?
10. What is goa powder?

(*Answers on p.* 530)

BIRTH

PATERSON.—At Oakwood Nursing Home, Northampton, on November 3, Rita, the wife of Arthur James Paterson, M.P.S., 62 Kingsley Park Terrace, Northampton, of a son.

MARRIAGES

MELLOR—FLYNN.—In London, recently, Lieutenant James Mellor, M.P.S., formerly of Redditch, Worcs, to Louise Flynn, London.

MOORE—JONES.—At the Baptist Church, Llandrindod Wells, Radnorshire, on November 11, Leslie H. Moore, M.P.S., 29 Belvedere, Bath (a son of Mr. R. H. Moore, Ph.C.), to Mary Jones, S.R.N., S.C.M., Llandrindod Wells. Both bride and bridegroom are medical missionaries of the Baptist Missionary Society.

DEATHS

ALEXANDER.—Recently, in air operations over enemy territory, Sergeant-Navigator Thomas Alexander, R.A.F.V.R., M.P.S., c/o 34 Dronmond Street, Edinburgh. Sergeant Alexander qualified in 1939.

APPLETON.—At Hornchurch, Essex, on November 14, after a severe illness, Mr. Alfred Vincent Appleton, a director of Dakin Bros., Ltd., manufacturing chemists, Southwark Street, London, S.E.1. Mr. Appleton had a life-time association with the company, and had for some years been the director in charge of the export sales department. He was known to many of the company's customers in all parts of the world, having made personal visits to the principal foreign buying centres.

BREEZE.—On October 1, at the Royal Victoria Hospital, Montreal, Mr. Frederick Charles Breeze, a director of W. J. Bush Co., of Canada, Ltd., aged sixty-one. Mr. Breeze was born in London, England, and after being connected with W. J. Bush & Co., Ltd., went to Canada in 1910. From 1912 to 1919 he was manager for the company at Toronto and from then until the time of his death he was a director at the head office in Montreal.

COX.—On November 13, Mary Winifred, the wife of Mr. E. E. Cox, chairman of Arthur H. Cox & Co., Ltd., Brighton.

FISHER.—Recently, Mr. Ernest Hunter Fisher, Ph.C., Market Place, St. Albans, aged seventy-four. Mr. Fisher was for many years a partner in the business of Ekins & Fisher, Market Place and Victoria Street, St. Albans. After qualifying 1890 and passing the Pharmaceuti Chemist examination the following ye he joined his cousin (the late Mr. A. Ekins) in business about fifty years a Later he was in turn joined by his nephe Mr. T. H. Fisher.

JOHN.—On November 14, Elizabeth, wife of Mr. J. J. John, M.P.S., 4 Stratf Road, Kensington, London, W.8.

JORGENSEN.—At Sefton, Bickley, November 13, Mr. John Reginald Clari Jorgensen, a director of Johnsen & Jorg sen, Ltd., aged fifty-one. The funeral t place at St. Luke's Church, Bromley Co mon, on November 16.

OLDING.—On November 2, as the res of a road accident, Mr. Edward El Olding, M.P.S., 8 Culver Grove, Stanmo Middlesex. Mr. Olding qualified in 1925

PINFOLD.—On October 28, Mr. Art Henry Pinfold, M.P.S., 15 High Stre Hampton Wick, Middlesex. Mr. Pinf qualified in 1911. At the funeral, Than Valley Branch of the Pharmaceuti Society was represented by Mr. Leona Higgs; Mr. Norman Dewey represent Allen & Hanburys, Ltd.; and Mr. H. Cooper represented J. R. Harker, Sta & Morgan, Ltd.

ROBINSON.—At 130 Nithsdale Ro Pollokshields, Glasgow, on November Mr. Louis Robinson, M.P.S., 163 D marnock Road, Glasgow. Mr. Robins qualified in 1910.

ROBSON.—In an accident in Yorkshi recently, Miss Dorothy Robson, B.S daughter of Mr. Shafto Robson, M.P. 16 Middlegate, Hartlepool, aged twent three. Miss Robson held a Leeds Universi Honours degree in physics, and was engag in inspecting bomb sights for the Ro Aircraft Establishment. She helped in t training of bomb aimers, and was affecti ately known throughout two northe groups of Bomber Command, Royal Force, which she visited in turn in a mob workshop, as "Bombsight Bertha."

WILLS

MR. FREDERIC EASTALL BILSON, Ph. 1 Lansdowne Crescent, Bournemouth, w died on September 22, left £16,980, wi net personalty £14,943.

MR. JOHN ARTHUR WRIGHT, M.P.S., Water End, Clifton, York, formerly Wolverhampton, Southampton and Sout sea, who died on June 5, left £7,322, wi net personalty £5,241.

MPIRE AND FOREIGN NEWS

Research in India.—Professor A. V. Hill, D., D.Sc., M.P. (secretary of the Royal ciety), has been invited to visit India to cuss problems of scientific and industrial earch in relation to reconstruction.

Magnesium Sulphate in Ceylon.—A fac-y for the manufacture of magnesium phate from waste liquor produced in the nufacture of sodium chloride from sea-ter is stated to have been established in ylon.

Shark Oil from South Africa.—The nouncement was made recently that uth Africa is now producing important antities of fish liver oils, said to be richer vitamins than cod liver oil. The oils produced mostly from the livers of arks caught by line in deep waters.

South African Supplies.—In a new report the Director-General of Supplies on uth Africa's part in supplying the needs the South African forces, as well as those certain United Nations' forces, it is ticipated that increased orders for certain edical needs will be placed in the Union.

New Food Preservative.—The discovery a substance which may prove to be of lue in preventing deterioration of food bacteria is reported from Western ntario. The material is procured by plant-g mould on a liquid containing nutrient. e substance is as yet unnamed.

Military Set-back for Australian Phar-acists.—The Commonwealth Minister for e Army has refused to accede to a request y the Pharmaceutical Association for the pointment of a Senior Pharmaceutical fficer on the staff of the Director-General Army Medical Services. The Association gued that co-ordination of the work of l pharmaceutical officers should be the nction of a qualified pharmacist.

Chemist or Pharmacist?—The distinction etween chemists on the one hand and ruggists, pharmacists, apothecaries and ispensers on the other, has been empha-sed in a memorandum submitted to the ational Health Services Commission by e South African Chemical Institute. This rganisation criticises the use of the word chemist" in the title "chemist and ruggist," as defined by the Medical, ental and Pharmacy Act, and suggests e substitution of "pharmacist." At the ame time it is realised that it will take nany years to wean the public from the ustom of referring to chemists and drug-ists as "chemists."

TRADE MARKS

(*From "The Trade Marks Journal," October* 20)

"ENDOR" and "ENVOY"; for brilliantine, dentifrices, cosmetic ingredients for baths, lipstick, talcum powder, face powder and cream (all non-medicated) and for soaps, perfumes and hair lotions (3); for goods (4); and for pharmaceutical substances for human and veterinary use, sanitary substances, infants' and invalids' foods, plasters, bandaging material, dental stopping and wax, disinfectants, weed killers, vermin destroyers, excluding fly-papers (5). By Brobat Manufacturing Co., Ltd., 95 Lordship Lane, East Dulwich, London, S.E.22. 623,923–25 (All associated).

"DELICOSE"; for pharmaceutical preparations and substances and for medicated sweets (5). By Meadowcroft & Co., Ltd., Butcher Lane, Bury, Lancs. 624,061 (Associated).

"LIL-LETS" and "LILLETTE"; for menstruation appliances (5). By Lilia, Ltd., Paragon Works, Neptune Street, Hull. 624,215; 624,575 (Both Associated).

"SLOAN'S LINIMENT"; for liniments for human use (5). By Dr. Earl S. Sloan, Ltd., Power Road, Chiswick, London, W.4. 624,315 (Associated).

"LEMSPA" and "LEMSA"; for all goods (5). By The Harrogate Tablet Co., Ltd., 11 Princes Square, Harrogate. 624,842–43 (Associated).

"VETERAN"; for toilet combs, brushes, etc. (21). By Crayonne, Ltd., St. Bernard Works, Bexley, Kent. 623,510.

APPLICATION AMENDMENT

According to "The Trade Marks Journal," October 20, specification No. 619,629, by Johnson & Johnson (Great Britain), Ltd. has been altered to read "surgical adhesive plasters for export."

TRADE MARKS CANCELLED

According to "The Trade Marks Journal," October 20, specification No. 271,800 has been cancelled in respect of common soap, and specification No. 271,801 in respect of toilet soap. Both by Lever Brothers, Port Sunlight, Ltd.

(*From "The Trade Marks Journal," October* 27)

"PARAQUA"; for toilet preparations for the hair (3). By A. Branskey, 11 Lancaster Road, Douglas, Isle of Man. 623,275.

"IRIUM"; for non-medicated toilet preparations, etc. (3), and for all goods (5). By Pepsodent, Ltd., 59–61 Park Royal Road, London, N.W.10. 624,438–39 (Associated).

"COOLANA" and "ABLO"; for non-medicated toilet preparations, etc. (3). By Koray, Ltd., 56 Gamage Building, Holborn, London, E.C.1. 624,485 (Associated); 624,576.

"SORADIN"; for pharmaceutical ointments, lotions, creams, elixirs, emulsions, extracts, liniments, pastes, powders, and spirits (5). By Metropolitan Chemicals (Kingston), Ltd., 22 High Street, Kingston-on-Thames, Surrey. 623,569.

THE CHINA CLAY INDUSTRY

by H. Price, Ph.C., F.C.S.

China clay, as its name implies, is of Chinese origin, deriving its other name, Kaolin, from that of a hill, Kauling, situated east of Kingtechen, in Kiangsi province. From this hill the first samples came to Europe. The manufacture of porcelain, the principal exploitation of china clay, was raised to a fine art by both the early Chinese and Egyptians, many examples of whose work survive as museum pieces. Etruscan pottery is also derived from china clay.

Rediscovery of Porcelain

World interest in the substance was aroused by the re-discovery of the method of manufacturing porcelain by Böttger, an alchemist, in 1709. The now famous works founded by Böttger in Meissen, Saxony, were begun soon after that date, and later the Sèvres manufactory in France was founded, based mainly on the work of Réaumur, the French philosopher, chiefly known as the inventor of a thermometer that bears his name. In England, kaolin finds its origin in the masses of felspar, strewn through the granite rocks, and rising islandlike from a sea of clay slate, which form the western extremity of England; from this felspar kaolin is produced by a natural process termed "kaolinisation." The clay is almost always capped over by a layer of stones, sand and clay, from 3 to 40 ft. in thickness, termed locally "overburden," which must be removed before the clay can be extracted. Many theories have been advanced as to origin of these granite islands, and certainly they do not appear to be glacial in origin, though at least one worker (Worth) adduces evidence in support of glacial action.

Kaolinisation

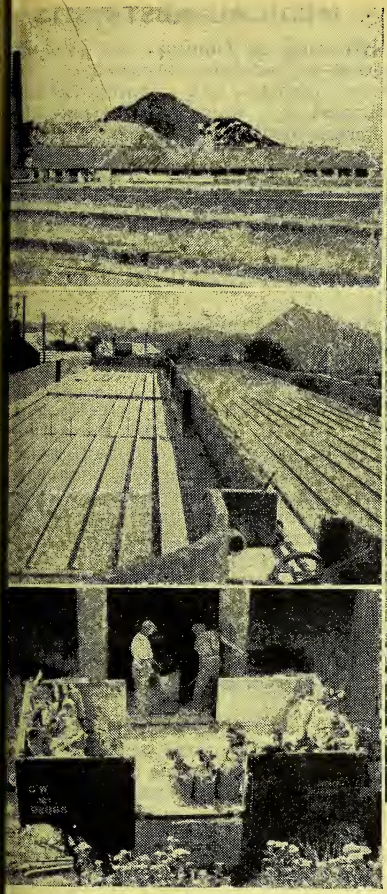
Kaolin is a white powdery substance. Compared with ordinary rock clays, it is whiter, less plastic; the lack of plasticity is attributed to the micro-crystalline character of kaolin, ordinary clays being amorphous. Even the best samples of commercial kaolin contain small percentages of impurities, notably free silica, oxides of iron, calcium and magnesium, and occasionally titanium. The mechanism of the process of kaolinisation is the subject of debate. Mellor ("Inorganic Chemistry," 1925) enumerates three main hypotheses: the igneous emanation theory, the surface weathering theory, and the bog or mo water theory. The first suggests that t action of gases and vapours of igneo origin on alkali felspar is the agent, but t exact nature of the vapours has been t subject of much speculation. Fluoric a boric acids derived from cooling grani together with meteoric water, may be t active agents. The deposits of Auverg and Passau are believed to be due to t action of meteoric water and carbon dioxi percolating downwards, removing pota from felspar, leaving a residue of hydrat aluminium silicate. Solutions of ammo acal salts and organic acids (humic, etc derived by percolation through bogs a peat beds are believed to be the kaolinisi agents in the production of the ma German china clay deposits. The West England deposits are generally thought have been formed by the action of igneo vapours. Exact analysis is difficult, owi to the presence of undecomposed mine matter which cannot easily be remove but composition of kaolin closely resembl that of the mineral kaolinite:—

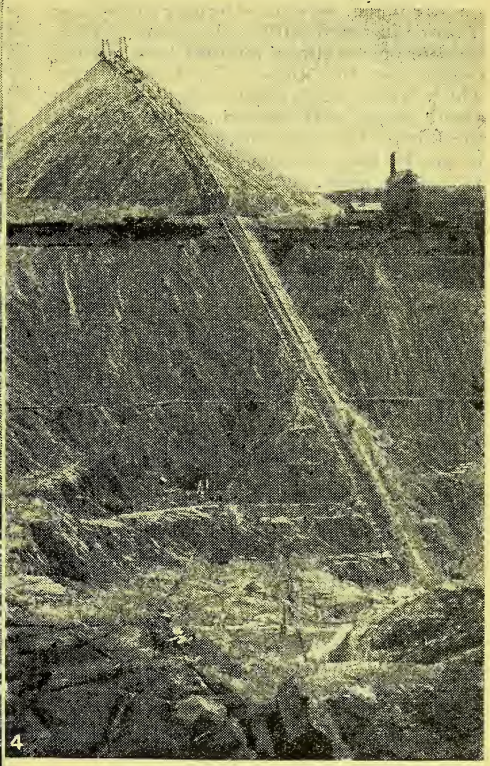
	Cornwall deposits	Kaolinite
Silica	46·00	46·3
Alumina	40·18	39·8
Ferric oxide ..	0·45	—
Magnesia ..	0·02	—
Lime	0·05	—
Soda	0·12	—
Potash	0·33	—
Loss on ignition ..	12·90	13·90

Extraction Methods

The method adopted in South-we England is roughly the same as th practised by the Chinese. The kaol exists in beds of varying size, in roc terrain. In some locations prelimina blasting is necessary to remove veins gneisen and elvan; then the "overburde is removed, either by manual labour or steam shovels. From then on, open worki is resorted to, the clay being washed out jets of water directed from "monitors" a pressure of 60–100 lb. per sq. in.; t jets are played over the surface, using b and socket joints, in order to ensure uniformly blended product. Men aid t disintegration by loosening the clay in t gullies, a power hose serving to break dow the lumps. Pea-sized pieces of rock, local termed "sand," accompany it, along wi fine sand and particles of mica, all of whic

KAOLIN MINING IN CORNWALL





1. Storage "linhay" with dumps beyond. 2. Refining "drags." 3. Loading china clay from the linhay into railway trucks. 4. General aspect of mine.

st be removed before the pure clays uired for pharmaceutical and industrial are produced. The old-fashioned rnish pumping-engine is now replaced by dern centrifugal pumps. The wash from sides of the pit is led through channels the lowest point, where the heaviest rticles of sand settle in the sump, and subsequently removed, to be deposited the large dumps which are a feature of landscape in the neighbourhood of olin workings. It is estimated that some r million tons is dumped annually, but dern industry is finding a use for the idues in the manufacture of concrete cks and pavement slabs, and as a road facing material. The slurry freed from s sand is then pumped into the "drags" —wooden or concrete channels, with projections jutting across the stream, behind which the coarser micas are deposited. The drags increase in number as the stream progresses towards the settling pits, and arrangements are made that the stream can be diverted and the micas sluiced away, to be rewashed and sold as "mica clays." From the micas the clay wash or slip is run into settling pits, where it is allowed to settle and thicken to the consistency of clotted cream, at which point it still contains 60–70 per cent. water.

Modern Processes

With the reorganisation of the industry the methods have been modernised; conical elutriating pits are established before the

micas, and the finer micas, which do not settle in these, are removed subsequently by "trembler" screens. The clay suspension is now separated, either by means of filter presses, or the slip is pumped into settling tanks over the kilns. The thick slurry, which is here further dehydrated to contain about 50 per cent. water, is then dried in the kilns. These are brick structures, 200 to 300 ft. long, having a brick floor from 12 to 18 ft. wide, and heated by longitudinal flues running under the floor, from coal furnaces. The slurry is dried on the floor until it is sufficiently dehydrated to cut into rectangular blocks, a process singularly like peat-cutting.

For clay to be used in industry, where plasticity is the most desirable property, the slower method of kiln-drying is preferred to filter pressing, since the property seems to be increased by prolonged contact with water. For pharmaceutical use, finer clays are required and the speedier process is adopted. Alum is added to bring about the precipitation of the colloidal particles which cannot be filtered out.

Colloidal Kaolin

The so-called "colloidal" kaolin consists of particles from 1 μ downwards, and appears to be on the borderline between true colloid and suspensoid. The powder, shaken with water, remains in suspension for a week or so, and is flocculated by strong electrolytes, such as sodium chloride, but not by small amounts of alkalis. It will itself flocculate positive colloids, such as ferric hydroxide, but not negative ones, such as colloidal arsenic. Chemically, colloidal kaolin corresponds to the formula $Al_2O_3 . 2 Si O_2 . 2 H_2O$. It removes basic but not acidic dyestuffs from solution. The uses of the material in the field of toilet preparations have been too fully dealt with elsewhere to need elaboration here. Varieties pure white in colour (Stockalite and Devolite) are produced for use in face and talcum powders and the like, and in tooth powders and pastes, whilst in soaps colloidal kaolin is used as a binder and opacifier, increasing both the texture and the lathering properties. The B.P. Addendum VI gives a new specification for kaolinum, and material to comply with this is already being produced in the Cornish fields. The product is administered internally as an adsorbent of intestinal toxins, and is also used in the production of kaolin poultices. With liquid paraffin, kaolin is given as an emulsion, and the emulsifying properties of finely divided solids make it possible to produce such emulsions without emulgent.

MEDICAL ABSTRACTS

Histamine in Tinnitus.—Intravenous jection of histamine in cases of verti nerve deafness and tinnitus has b practised by Rainey ("Journal of American Medical Association," 122. 13. 8 with a success that leads him to descr the treatment as the "most promis method up to the present time. The met is to dilute 1 c.c. histamine phosphate 250 c.c. isotonic solution of sodium chlor and administer drop by drop. At least t intravenous treatments are given.

An Active Principle in Gorse.—With having been able to isolate an active p ciple, Smith and Wilson ("British Medi Journal," September 11, p. 322) h obtained relatively pure extracts of g (*Ulex gallii*), and tested its action uterine muscle. The dominant action one of uterine contraction, demonstra on the isolated uteri of several spec including pregnant women near full te With uteri from non-pregnant won initial contraction is followed by abolit of tone and usually definite relaxation. similar reversal of effect is shown by uteri of parturient guinea-pigs. In int virgin cats intravenous administrat results in uterine contraction accompan by a sustained rise of blood pressure.

Thorium-*X* in Alopecia.—Thorium-*X* short-lived radio-active metal, 99 per ce of whose total emissions are in alpha r (with the harmful gamma rays therefore the remaining 1 per cent.) is considered Corsi ("Lancet," September 18, p. 346) be valuable in the treatment of alope areata and psoriasis. Thorium-*X* can conveniently applied to the skin, eit suspended in varnish dissolved in ar acetate, or in solution in *n*-propyl alcoh In the former instance the amyl acet dries off and leaves the thorium-*X* contai in the varnish accurately applied to area which it is desired to treat. T thorium-*X* is more or less closely in cont with the skin according to its distribut in the varnish and the thickness of application. Where an alcoholic solut is used the alcohol dries off, leaving thorium-*X* in contact with the skin, i the superficial layers of which some of metal is possibly carried. Experiment normal skin tends to show that a stron effect is obtained when an alcoholic solut is used. The author also considers it lik to be useful at some stage in subacute a chronic dermatitis.

ARMY COUNCIL REJECTS MEMORANDUM

TER applying for and receiving the Army uncil's consent to its publication (see & D., November 6, p. 463), the Pharmatical Society has made known the text the correspondence that has passed ween the two bodies on the position of rmacy in the Royal Army Medical rps, and of the memorandum that accomied the Society's first letter.

e Memorandum

The argument of the memorandum, ich is too lengthy to reproduce in full, briefly that successive Committees (two nposed exclusively of R.A.M.C. pernel and one consisting partly of War ice and partly of Pharmaceutical Society resentatives) have recommended changes ich have never been implemented; that War Office makes no distinction between rmacists and holders of the Army penser's certificate; and that superion of pharmaceutical work by medical cers, who have not the requisite pharmatical knowledge, is unsatisfactory. It ther points out that the principle observed generally in foreign armies t the medical supply system should controlled and operated by pharmats, while there is no reason to think needs of the British Army are in any y different from those of other armies; l that such increased employment pharmacists in the capacity of dispensers has occurred in recent times has not n a recognition of the pharmacist's ctions but a means of obtaining pernel without the necessity of training m. The memorandum proceeds to a cription of the nature and status of rmacy and suggests ways in which rmacists' services might be utilised in Army, concluding with a recommendan that a joint committee of the Society l War Office should be appointed to rk out a detailed scheme.

e Correspondence

Below is given the gist of each letter in correspondence which dragged on from gust 18, 1942, to September 18, 1943. my Council replies are given in italics.

1942

GUST 18: Memorandum sent to War Office.

PTEMBER 24: "*Matter is being actively considered.*"

CEMBER 15: "Would be glad if you ould indicate approximately when they [the Society] may expect a reply."

DECEMBER 23: "*Anticipated it will be possible for a detailed reply to be forwarded at an early date.*"

1943

MARCH 5: "Hope that the Council can be favoured with that reply before the end of the current month."

MARCH 19: "*Council have given your memorandum the most detailed consideration and have carefully examined the proposals. . . . Arrangements for the provision and supply of drugs, dressings and other medical supplies . . . are in the [Army] Council's view entirely satisfactory. . . . Council are fully satisfied that the services of pharmacists who are posted to the Army as such are utilised in the Royal Army Medical Corps to the fullest advantage in their employment in the duties of the Army trade of dispenser. . . . Unable to agree that any changes are necessary.*"

APRIL 7: "Regret that the matter should have been carried to the length of a decision. . . . It would appear that the request . . . has been misconstrued as a request for the establishment of a joint committee, and the Council accordingly reiterate the request."

MAY 8: "*Felt and still feel that no useful purpose could be served by a discussion between your Society and the Director-General, Army Medical Services . . . regret that they are unable to accede to Society's request.*"

JUNE 4: "Strong exception taken by the Council to the refusal of the Army Council to grant an interview, and to make an emphatic protest against the way in which the Society has been treated in the matter. . . . The Council would be obliged if they could be informed for the reason of the Army Council's rejection of the case. . . . The memorandum . . . cannot, in the Council's opinion, be disposed of by the bare assertions contained in your letters."

AUGUST 30: "Should be glad if you would let me know when I may expect a reply."

SEPTEMBER 1: "*Regret that you should not have received an acknowledgment. . . . It is hoped to forward a reply in the near future as the matter is still under consideration.*"

SEPTEMBER 18: "*Army Medical Supply System has emerged without substantial criticism. . . . Unable either to depart from the views which have already been conveyed . . . or to amplify the reasons.*" Editorial, p. 519.

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. CXL NOVEMBER 20, 1943 NO. 3328

e fact that goods made of raw materials short supply owing to war conditions are vertised in this paper or described in its torial columns should not be taken as an lication that they are necessarily available export.

A Snub from the Army

E outcome of a thirteen months' correndence that has passed between the armaceutical Society of Great Britain l the Army Council (see summary, 517) on the position of pharmacists in Royal Army Medical Corps is, to put it ldly, "tantamount to a rebuff" to pharcy. Whatever the views held in military arters, there can be no justification for excessive and arbitrary delays of the my Council in replying to the Society's ters. Hints of "adequate consideron" are, in our opinion, hypocritical by son, first, of the paucity of grounds put ward for rejecting the Society's memoranm; and secondly of the curt tone of e letters themselves. Arguments based on k of complaints are irrelevant, because ctims cannot usually complain, and ldiers who offer criticisms of superiors are ble to be convicted of insubordination. e secretary's "emphatic protest" will be dorsed by every member.

Easing Off

No useful purpose, it is clear, will be ved by making further representations the Army Council. When a plaintiff brings a case against a respondent who is also the judge and jury, and when, moreover, the case is heard *in camera*, no one need be in the least surprised if the hearing is perfunctory and the verdict negative. This is not to suggest, however, that the matter may be allowed to remain where it stands at present. Far from it. Any tendency on the part of the Society's Council to ease-off in its efforts—to say, in effect, "We have done what we can and can do no more"—must be energetically resisted. Members of the Society must show at the forthcoming Council election that they are well aware of the gravity of the present state of affairs. Even if the short notice given to intending candidates prevents many who might have allowed their names to go forward from taking the necessary steps, retiring members of the Council who are offering themselves for re-election may be made unmistakably aware what are the opinions of the profession. For every voter must realise that, in these days of large conscript armies, low standards in military pharmacy today may react unfavourably on the accepted civilian standards of tomorrow.

What Must Be Done

In considering what action must now be taken, it may be well to ponder whether the pharmacists' case, as put forward in the memorandum, was the strongest that could have been made, and whether it was presented in the right way. In our view the memorandum was too much concerned with the rights, status and dignity of pharmacists (matters of less weight to outsiders than to pharmacists themselves) and too little with the right of members of the public to as competent and effective a pharmaceutical service when in uniform as when they are National Health Insurance patients in peace-time. In the matter of successfully presenting the case for pharmacy, United States pharmacists have recently provided an object lesson, using arguments that were virtually unanswerable. In fact, the only opposition they encountered was from the American counterpart of the Army Council, and the public conscience triumphed over that. Second place should be given to the argument that medical officers in the R.A.M.C. are being wasted on pharmaceutical supervision, of which they know

next to nothing, while being taken from medical duties, in which their knowledge is real, necessary, and vital. In short, pharmaceutical duties must be carried out by pharmacists, who must equally be officered by pharmacists. Admittedly these arguments are to be found in the memorandum, but lost in a mass of material of less or no importance. They should be hammered home with every available fact and statistic that can be amassed, and no time should be wasted on trivial points such as the special ability of pharmacists to render petrol cans suitable for holding drinking water.

Where Action Should Be Taken

The new, or newly stated, case should then be put forward, not to the Army Council, but to higher authority to which the Army Council is subordinate, namely to the House of Commons. At the same time it should be brought home also to the public by every available means, and people at home should be made to realise that their men in khaki are being deprived of an important part of the pharmaceutical service to which, as citizens, they are entitled. It is satisfactory to note that a start has been made in this direction by presenting the Society's case to a Conference of representatives of the national Press held at Bloomsbury Square on November 12. One result of the meeting is seen in publicity already given to the Society's case in "The Times" of November 14. In its parliamentary campaign the Society should enlist the fullest services of pharmacist members of the House of Commons (among whom are Mr. Hugh N. Linstead, secretary of the Society; Major W. E. Woolley, Parliamentary Private Secretary to the Minister of Health, and Mr. W. W. Wakefield).

The efforts outlined should be followed up nationally by the Society's officers and locally by the branches, and every branch should take immediate steps to hold a members' meeting at the earliest possible date, and consider what local action it can take, such as approaching the M.P. for the constituency, to add its quota to the campaign. Britain must be brought into line with the other leading civilised countries of the world in providing an efficient and safe—because qualified—pharmaceutical service for its Armed Forces.

Unreasonableness About Ro

The hours during which a panel che must hold himself available to disp medicines for insured patients are d mined locally under the Medical Be Regulations, 1936, by the Insurance Pharmaceutical Committees jointly. I in fact, a condition of the contract bet Insurance Committees and chemists the contracting chemist shall "keep for the supply of drugs, medicines, during such hours as may be arrang A notice giving the hours of opening be displayed at the chemist's premises. peace-time the closing hour agreed upo most areas was 7 p.m. on ordinary d No chemist was required to dispense in ance prescriptions on the early closing or Sundays or Bank Holidays, unless prescription was marked "urgent," and this a higher rate of remuneration was down. Since, in most areas, chemists h voluntarily provided a rota at these ti during which they have dispensed scriptions not marked "urgent," it is c that they have shown themselves read fulfil more than the letter of their contr

War-time Conditions

Since the war began, conditions h changed considerably in many areas. F the patient's point of view many in ind trial regions have had greater difficulty securing medical attention owing to lon hours and congested surgeries, and this reacted upon the chemist's ability to g full satisfaction to patients. An oppo factor has been the reluctance of the pu to visit pharmacies during black-out ho with the consequence that many presc tions which formerly were dispensed in evening are now held over until the foll ing day. In other areas, where the prop tion of industrial workers is less, the qu ness of the last hour has been particula marked. From the chemist's point of vi the war has considerably curtailed opportunity to provide a full dispens service because, first, so many pharmaci have been taken into the Services; second there has been an actual closing of a num of pharmacies, with consequent division insurance dispensing among a fewer num of contractors; and, thirdly, considera

clerical work has been made necessary e numerous statutory rules and orders arable from government in war-time. chemists have found that there is which cannot be done in the shop g the day, and even some which can- e done at all if the shop remains open full peace-time hours; consequently y of them have adopted the shorter s common among retail traders gener- using the hour between 6 and 7 p.m. to up arrears of work after the shop door sed.

ting the Real Need

meet the new conditions, Insurance mittees in many parts of the country agreed to a modification of the contract s to the extent of allowing chemists rally to close at 6 p.m. on condition a rota is provided so that all patients e sure of obtaining their medicine the evening if they wish. Unfortunately not all Insurance Committees have taken so reasonable an attitude, and there have been instances in which insistence has been made on the full peace-time hours being adhered to by all chemists in a given district, despite the fact that Pharmaceutical Committees have offered rotas that will ensure the supply, "with reasonable promptness," of any drug, medicine or appliance prescribed by the regulations.

When such a position arises the Pharmaceutical Committee may well consider whether the time has not arrived to take a firm stand and to say, in effect, "we intend to adhere to our rota nevertheless." By so doing they are likely to expose the unreasonableness of the Insurance Committee's demands, by throwing the onus on the Insurance Committee to find a patient unable to secure his medicine during the hour between 6 and 7 p.m. This will be difficult to prove if the rota is adequate to the need.

REVIEW OF MAN-POWER IN PHARMACY

Central Pharmaceutical War Com- ee is to prepare a review of the rmaceutical service being undertaken ll pharmacists and dispensers, whether or women, who have registered under Registration for Employment Order n born between January 1, 1892, and 1, 1900, and women born on or after uary 1, 1893), by conscientious objec- , and by men of low medical grade. this purpose, forms may in certain ances be issued for completion by viduals in these groups in order to ain further information regarding their rmaceutical work.

vements of Pharmaceutical Staffs

Where changes of staff involving men or nen of registration age are notified to Central Pharmaceutical War Committee ler the Pharmacy Undertakings Order, 2, the Committee will have to consider ether the new employment of the pharma- or dispenser is in the national interest, h a view to making recommendations to Ministry of Labour and National Ser- e. It is suggested, therefore, that it may in the interests of the pharmacist, d/or the prospective employer, to ascer- n, before the change is made, the views the Committee upon the question of deferment under the National Service Act or retention under the Registration for Employment Order which would arise if the transfer was effected. It should be borne in mind that deferment or retention would only be recommended in respect of the new employment if the Committee were satisfied that the man or woman was not only essential to the new employment but that such employment was essential to the pharmaceutical needs of the area. It would be most unusual for any man under the age of thirty-five years at the date of registration to be recommended for deferment if he changed his employment.

Pharmacists born within the period given above and desiring to purchase businesses are similarly advised to seek the opinion of the Central Pharmaceutical War Committee before completing the purchase. Similar considerations to those set out in the preceding paragraph would apply in such cases.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the *C. & D.*, 17 Argyle Street, Bath, Somerset.

LEICESTER PRIZE-GIVING

THE annual prize distribution of the Leicester School of Pharmacy was held in the Great Hall of the College of Technology and Commerce on October 28. There was a record attendance of some three hundred students, pharmacists and friends. The meeting was addressed by Mr. Hugh N. Linstead (secretary and registrar of the Pharmaceutical Society), who also presented the prizes to successful students. Mr. A. W. Buswell (chairman of the local branch of the Society) presided.

School Reports

MR. L. W. KERSHAW (Principal of the College) and Mr. C. Gunn (Head of the School of Pharmacy) reported on the work of the year, a notable feature of which was an increase in the number of successes in official examinations in each section of the school over the past few years' totals. In addition, a greater number of students were working for a degree in pharmacy.

Address by Society's Secretary

Mr. Linstead, after giving reminiscences of earlier visits to Leicester, said that if he asked what advice his hearers would like him to give them, probably at least one would act similarly to a student who, on another occasion, said: "I have got an examination on Wednesday, I have two questions which have been asked in six out of the last ten examination papers—please tell me the answers."

Mr. Linstead went on: I expect most of you in one way or another are formulating in your minds the question "What is the world going to be like tomorrow and what is pharmacy going to be like in the world after the war?" Well, we have, I think, got to realise that "after the war" may be still far off. We may feel that we can see the end of the Western war somewhere in sight but, when it is over, we have got to transfer all our divisions, fleets and aircraft to the Eastern war, and, if you look at a map, you will see that the Eastern war may very well be a long and tiring business, and it may therefore well be that most of you who are students here today will find that you will have two or three years of military service before you. I think it is important that you students should keep this in your minds. Within the next ten years we are going to see most of the population of this country brought under some type of State medical service, and our calling is going to be influenced by this.

Prize List

The winners of the prizes were as g below, grouped under donors' names:—

LEICESTER AND LEICESTERSHIRE BRA OF THE PHARMACEUTICAL SOCIETY, *I mediate course*, First (value £1) and ph (value 10s.), Douglas M. Bryce; se (value 10s.), Leonard S. Campbell; bio (value 10s.), Joyce M. Page; chemi (value 10s.), Harold W. Fowler. *Pha ceutical Chemist and B.Pharm. course* (v £1) and certificates of honour in pharm physiology and pharmaceutical chemis Sidney J. Carter; certificate of honou pharmacognosy, Alec E. Pye.

A. DE ST. DALMAS & CO., LTD., F (value £2 2s.) and certificates of honou theoretical pharmacy, theoretical phar cognosy, practical pharmacognosy, theo cal chemistry and forensic pharm Frederick Hanson; second (value £1) certificate in physiology, Louis P. Decke

THE BRITISH DRUG HOUSES, L pharmacognosy (value £2 10s.), F. Han

E. H. BUTLER & SON, LTD., Post-in mediate (value £1), Dorrell R. Bragg.

PHARMACEUTICAL SOCIETY OF GR BRITAIN, to best student-associate of session (British Pharmaceutical Cod Frederick Hanson.

ADVISORY COMMITTEE OF THE SCH OF PHARMACY, for public spirit and p gress (£2 2s.), Robert G. Clow.

MR. G. H. HANNAM (dispensing proficie cup), Edwin H. Cattell.

UCAL, LTD., Young Memorial p (value £3 3s.), Louis P. Decker.

GENATOSAN, LTD., for window displ first (value £2 2s.), William F. Patter and Norman B. Davies; second (va £1 1s.), Edwin H. Cattell and Peter Law

MR. A. R. G. CHAMINGS for most o standing piece of work of the sess (value £2 2s.), Kenneth Gaimster a Alec E. Pye.

CERTIFICATES OF HONOUR, practi chemistry, Allan W. C. Peacock; practi pharmacy, Brian S. A. Martin.

MR. BREAM, Ph.C. (chairman of t School of Pharmacy Advisory Committe proposed a vote of thanks to Mr. Linste and MR. N. TUNSTALL proposed a vote thanks to the chairman.

After the prize distribution Mr. L stead's play "Jacob Bell and Some Other was presented by the students of t school. DR. E. GOODWIN thanked tho who had taken part in the play and M LINSTEAD congratulated the players.

TOWARDS A PHARMACY GUILD IN EIRE

ovement to form a Guild of Pharmacy e advanced a stage when, at a resumed rence held in Dublin recently, a com- of four was appointed to draft con- proposals upon the bodies to be repre- d, the objects of the Guild, etc. The will be submitted to a further confer- for approval before being submitted various bodies invited into the Guild. Rev. E. J. Coyne, S.J., presided over sumed conference, and the attendance led Messrs. C. J. Cremen (president, naceutical Society of Ireland), and Scott, representing the Society. The sale section of the Irish Drug Associa- was represented by Messrs. I. Dawson man), and E. Dawson, Mr. T. R. e representing the retail section. Mr. Nugent was present for the Com- lers' Association. Pharmacy mana- assistants, and the assistants' Unions, port and other workers in the whole- and manufacturing sides of the drug , including women workers, were all sented.

ting a Government Report

I.D.A. delegates (both wholesale and) said that while the I.D.A. was athetically interested in the proposal m a Guild, it was not convinced that itive need existed for such a body. would prefer to await publication of eport of the Government Commission cational organisation.

. Scott mentioned that nothing in ete form had come before the Council e Pharmaceutical Society setting out unctions and powers of the Guild: the Council had this before them they not come to any decision.

E Chairman said that the discussions r had been to discover if there was a for such a Guild, and if there was desirable and positive good it could ve. The matter was not one of great ncy.

E Secretary (Mr. Seamus Murphy) the matter was urgent to the extent they were anxious to have a guild ed before the Vocation Commission's t appeared. The medical profession t form a Medical Guild and try to bring macists and the nursing profession r its wing. He was hopeful that phar- sts and the drug trade would have their Guild formed before the report ared.

R. T. R. Bourke pointed out that in the I.D.A. they had already an organised body of chemists over 95 per cent. strong.

The Secretary said the I.D.A. did not embrace all branches of the drug trade, including assistants, typists, warehouse-men, and van drivers. The proposed Guild would embrace all deriving their livelihood from the drug trade. The wholesalers had expressed the view that no need existed for a Guild, but he wondered if Mr. Dawson was satisfied with the present position under which outside people, who were never connected with the drug trade, were now turning out chemical goods.

Mr. I. Dawson said the wholesalers were not satisfied with that position.

The Secretary commented that a Guild organisation would prevent any growth in that direction, and protect wholesalers' and manufacturers' interests. The idea was to take up each group's difficulty in turn and see what could be done about it. Instead of each group fighting single-handed they would fight as a completely organised industry.

Miss McDowell (Irish Women Workers) said her Union regarded this Guild idea as excellent and would give it their whole-hearted support, because the object of the organisers was to make the industry as a whole their main concern, and not the interests of any one group.

Mr. I. Dawson said he would not like it to go out that the wholesalers were opposed to the idea. They were favourably impressed, but up to the present they had felt no need for such an organisation. If it were possible to get things in order they would be willing to fall in. They were not against the proposal by any means. The secretary had made a good suggestion when he mentioned dealing with the houses spring-ing up all over the place who were making chemists' lines.

Chairman: You are the only people who can stop that.

Preparing for a National Medical Service

Mr. Nugent said that, after the war, there would be a revolution in the matter of dispensing in England, where possibly the State might control the whole business. With a Guild in existence they could deal with any proposals of that kind in Eire.

Mr. M. J. O'Rourke said he had raised the matter of a national pharmaceutical service at the annual meeting of the Phar-maceutical Society.

Mr. P. P. Buckley (organising committee)

drew attention to reports that had appeared in THE CHEMIST AND DRUGGIST recently on the setting-up of a Joint Industrial Council for Pharmacy in Britain. In the scheme contemplated in England everybody engaged in the industry, including workers in the factories, chemists, assistants, girls in the warehouses, up to the Pharmaceutical Society itself, would be brought in. [This is a mis-reading of the article, which stated that the proposed council was for retail pharmacy.—EDITOR.] A committee had reported to the British Government on what service pharmacy could give the nation under the Beveridge scheme. That was what he considered vocationalism in practice. Pharmaceutical bodies in England had made application to the Government to set up a Joint Industrial Council somewhat like the one they were discussing that night. The question of a pharmaceutical service within a national medical service was also being discussed in Britain.

THE SECRETARY urged that the growing of chamomile, digitalis, and many other medicinal herbs and plants should be undertaken in Eire. This was a matter in which the manufacturers and wholesalers should be interested. Actually medicinal herbs were being exported from Eire for manufacture into drugs elsewhere. The overcrowding in pharmacy and the limitation of openings were other matters that called for the attention of a Guild, to see that the Pharmaceutical Society got the necessary powers.

MR. O'ROURKE said that recently the grocers had claimed to the Minister for Industry and Commerce that they were the people to deal with food supplies, but chemists should have a guild or federation to insist that only chemists should handle medicinals. Down the country they had grocers giving pharmaceutical service.

THE SECRETARY said that the Pharmaceutical Society were looking for new legislation, and in doing this they would be much stronger if they had a guild behind them.

MISS MCDOWELL declared that if the industry as a whole was flourishing, the position of the workers would be good. The reverse would be the case where the industry was not doing well.

Benefits for Workers

Asked by a Transport Workers' Union representative what benefit the Guild would be to the workers THE CHAIRMAN pointed out that the existing Joint Industrial Councils in Eire had proved of benefit to organised labour. The Guild would have representatives of every element in the industry. It would not interfere in the working of any individual section, but rather would benefit them as a whole.

MR. MCDONALD (Transport Union), referring to the sale of chemists' lines by non-chemists, said it was not possible to buy a head of cabbage in a chemist's, but it was possible to buy liquid paraffin and Parrish's food at the grocer's. The wholesale firm he worked with supplied only to chemists. Where did the grocers get supplies?

MR. JEREMIAH COSTELLO, representing the Registered Druggists, said they were anxious to have the Guild formed.

MR. NUGENT said the Compounders' Association were much in favour of the idea.

MR. TIERNEY, for the pharmaceutical ass tants, said that while they were in favour o Guild one point worried them. It was mention that in the event of a dispute and employe and employees failing to come to an agreeme the Minister for Industry and Commerce wou have power to appoint a referee, and that decision would be final. If that were corre his organisation would have nothing to do w the Guild. He thought a report should ha been sent out embodying concrete proposals.

THE CHAIRMAN said that stage had not be reached yet. He was chairman of one of t existing Joint Industrial Councils, but th were never more than a conciliation committ The day would come when arbitration would made obligatory not only for chemists, but all others. The question for the meeting w whether they wanted an organisation that wou include all the elements of their calling, a which would meet about once every six mont to discuss common problems. In such organisation each of the constituent bod would retain its full powers, and it was o when some problem arose between one bo and another that they would meet in jo council. Under a vocational plan the questi of demarcation would arise, and the questi whether they should go in with the medi profession or remain on their own.

MR. COLEMAN, putting the view of manag of pharmacies, said there was some need of organisation that would make the existi bodies do their job fully. The Unions, in view, were not doing their job. The I.D.A. not discharge all the functions it might, wh manufacturing chemists should do more ab making their own drugs and galenicals. Ph macy managers should be organised.

A delegate from the chemists' section of Irish Union of Distributive Workers and Cle said that under the agreement between Union and the retail chemists, pharma managers should be organised in his Union.

Committee Approved

THE CHAIRMAN then suggested that a sm committee should be appointed to draw proposals setting out the bodies to be invit the powers and function of the proposed Gui and any other matters relating thereto. suggested that this draft, with a covering let sketching the course of the discussions t had taken place so far, be sent to each of bodies concerned, and that such bodies sho be invited to send their opinion on the propos with any suggestions they thought fit. T suggestion was unanimously agreed to and committee mentioned was then appointed.

THE SECRETARY said that the work of t drafting committee would be submitted to further meeting of delegates before being s out to each of the bodies. He proposed a v of congratulation to Mr. Cremen on his electi as president of the Pharmaceutical Society Ireland, and the motion was carried w applause.

MR. CREMEN, returning thanks, said he wou like to express thanks to the chairman steering them on to something solid.

PERFUMERY MANUFACTURERS' ANNUAL MEETING

annual meeting of the Perfumery and t Preparations Manufacturers' Section e London Chamber of Commerce was on November 4. Mr. A. F. Gunning, ing chairman, presided, and seventy bers were present.

Year's Work

reviewing the Section's work, Mr. ning said that 1943 had been a difficult though it might be regarded as one hich definite progress had been made tablishing the industry in the eyes of rnment departments. It had been ult because there had been a real sense ritation and frustration among the bers, due to the delay on the part of Board of Trade in adopting measures vercome the activities of the black et. He felt, however, that the introion of the Toilet Preparations (No. 3) r was the highlight of the year's work. Order was, he believed, largely the reof the increased confidence the Board ade had in the trade members of the sory Committee. He did not think s disclosing any confidential knowledge y that the Order was largely the out- of hard work and clear thinking ed out by Mr. Matchan and Mr. Middle- He believed the Board of Trade also sed their indebtedness to these two emen. A few months ago discussions he subject of post-war reconstruction ared to be a little premature, but it now clear that post-war problems becoming pressingly urgent. A Post-Reconstruction Committee had been inted by the Section, and was meeting larly, under the chairmanship of Mr. chan, to prepare recommendations to Board of Trade for the rehabilitation of ndustry after the war.

e Section had strengthened its position iderably. Membership had risen. He essed his thanks to the Section and Exive Committee for loyalty and support.

tion of Officers

r. Gunning proposed, and Mr. R. Demuth nded, the election of Mr. Matchan x Factor & Co., Inc.), as *Chairman.* paid tribute to the work which Mr. chan had carried out for the industry eputy-chairman, and said he felt the ion would have the fullest confidence in ability, energy and integrity.

r. Demuth urged that that hour was a t important one in the industry's history. After the war they would be faced with competition from the stores and co-operatives making their own products, with restrictive schemes such as the Chemists' Friends scheme, etc. The large manufacturers would fight with energy but the small trader would be the sufferer in the battle. A powerful trade organisation was essential with a chairman and committee in whom they had confidence. Mr. Matchan had drive, energy and loyalty. Mr. Matchan was unanimously elected.

The New Chairman

On taking the chair, Mr. Matchan said Mr. Gunning had set a high standard. He hoped the Section would exercise their patience with him and bear with any impetuosity. He pledged himself to work for the industry to his utmost capacity. He shared Mr. Demuth's view that only by single united action, by a powerful united trade, could they face with confidence the period ahead. Mr. Matchan then proposed a cordial vote of thanks to the retiring chairman, Mr. Gunning, which was seconded by Mr. Cowlishaw (Coty (England), Ltd.) and carried with acclamation. Mr. W. Cowlishaw was unanimously elected *Deputy-chairman.* A ballot was then held for the election of four firms to be represented on the Executive Committee, the successful candidate firms being Elizabeth Arden, Ltd., R. Demuth, Ltd., J. Grossmith & Son, Ltd., and Yardley & Co., Ltd. The meeting expressed their warm thanks for past services on the Committee to Mr. H. L. Gauntlett (R. F. White & Co., Ltd.), who had decided not to seek re-election, and to Mr. L. Bartholomew (F. W. Hampshire & Co., Ltd.), who had not been re-elected.

Various Activities

Ordinary business before the meeting included a report on the work of the Fair Trading Committee; upon representations made to the Parliamentary Secretary to the Board of Trade for a relaxation of the ban on the use of petroleum products in hair preparations; on arrangements made by the Board of Trade in consultation with the Section in regard to special licences for theatrical cosmetics; and on discussions with the Ministry of Food concerning the control of shampoos and brushless shaving cream. New members were elected, and it was resolved that a call should be made upon members—the first since 1938—to replenish the Section's special funds.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils repr the prices for wholesale quantities of standard quality. C.i.f. quotations do not in marine war risk insurance and other abnormal charges payable in the present emerg

28 Essex Street, W.C.2, November 17

THE week has passed without any changes of outstanding importance occurring in any of the drug or chemical markets. Business has proceeded quietly, with most of the orders for modest quantities required for immediate consumption. Values of most products are keeping quite firm, but in one or two instances slightly easier conditions are recorded. Business in the PHARMACEUTICAL CHEMICALS markets shows little sign of marked improvement, although demand for some items is well maintained. No further price changes have been notified by makers. Prices for a number of Lease-Lend chemicals have been increased, however, as will be seen from the list published on p. 528.

Crude Drugs

Business in these commodities continues on a modest scale, without appreciable changes in prices. Cape ALOES continues to be required, but spot stocks are non-existent at present; some Curaçao is available in small compass. CANADA BALSAM is quoted at a few pence over the figure mentioned last week. CARDAMOMS remain a neglected item, with previously quoted prices still ruling for all grades. COCHINEAL, for medicinal use only, is quoted at threepence per lb. under last week's figure. Fresh arrivals of fine white COLOCYNTH PULP have eased the supply position of this product. GUM ELEMI is exceedingly difficult to locate on spot. ERGOT is in good demand; shipment prices vary slightly according to buyer's or seller's licence. Improvement in the supply position of GUM ACACIA has eased the spot price. Spot supplies of IPECACUANHA are exhausted, and little appears to be coming forward. JALAP has a firmer tendency, with some business reported. The position of MENTHOL is unchanged, with very little business apparently being done at the controlled prices. PIMENTO and other spice products are about unchanged on the week, and all previous quotations continue to rule. The price of QUILLAIA BARK is reported to be tending upwards at source. SEEDS remain exceedingly dull, with little interest in any variety. Lower prices are noted for some of the medium grades of TRAGACANTH.

Essential Oils

Business in these items is now mo less confined to the range of controlled prices of which are repeated this v Supplies of "free" oils are rapidly d nishing, and, as no replenishments obtainable, the position cannot show improvement. The latest details of p of REFINED OILS and IMPORTED ED ANIMAL FATS allocated to primary w salers and large trade users for the control period will be found on p. 529.

Pharmaceutical Chemical

ALLOBARBITONE.—Makers' price is uncha at 60s. per lb.

AMPHETAMINE.—Makers quote 150s. per

ATROPINE.—Steady at the following p per oz.: ALKALOID, 1 oz., 35s.; 4 oz., 34s. 25 oz., 34s. SULPHATE, 1 oz., 28s.; 4 27s. 6d.; 25 oz., 27s. METHYL BROMIDE METHYL NITRATE, 1 oz., 65s.

BARIUM SULPHATE (*x*-ray).—Quoted at following rates per lb. in quantities of 28 1 cwt. (containers in brackets): 1s. 5½d. (1- 1s. 4d. (4-lb.); 1s. 3d. (7-lb.); 1s. 2½d. (14- 1s. 2d. (28-lb.).

BORIC ACID.—Makers' quotations ar follows: B.P. granulated, £60 15s. per crystal, £61 15s.; powder, £62 15s. Pack one-cwt. bags, delivered carriage paid in G Britain, in one-ton lots and upwards. Com cial grades, £8 per ton less.

BROMIDES.—POTASSIUM is quoted by ma at the following prices per lb., in lots of 28 lb. (containers in brackets): 3s. 5¼d. (1- 3s. 3¾d. (4-lb.); 3s. 2¾d. (7-lb.); 3s. (14-lb.); 3s. 1¾d. (28-lb.). SODIUM, ¾d. lb. extra; AMMONIUM, 2¾d. per lb. ex powder, 2d. per lb. extra.

CREAM OF TARTAR.—Steady at Br makers' quotation of 262s. per cwt., less 2½ cent. discount.

DEXTROSE, B.P.—Makers' prices range 10¾d. per lb. to 1s. 4¼d. per lb., accordin quantity and packing.

GALLIC ACID.—From 9s. to 10s. per lb. w represent the present price, according to q tity.

GLUCOSE.—Bulk home-trade prices per for powdered monohydrate are as follows (tainers in brackets): 1s. 1½d. (1-lb.); 1s. (2-lb.); 1s. (4-lb.); 11d. (7-lb.); 10½d. (14- 10d. (28-lb.).

GUAIACOLS.—Makers' prices for crystals carbonate range from 14s. to 15s. per lb.

GNESIUM OXIDE, LIGHT.—Makers' prices). for the home market, for quantities of .-1 cwt., are as follows (containers in ets): 2s. 8d. (1-lb.); 2s. 6½d. (4-lb.); ½d. (7-lb.); 2s. 5d. (14-lb.); 2s. 4¾d. .).

NDELATES.—Makers' quotations are un- ed. SODIUM and CALCIUM.—4 oz., 8 oz., lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 5d.; 14 lb. (in 7-lb. packages), 16s. 9d.; . (in 7-lb. packages), 15s. per lb., net. NIUM (50 per cent. solution)—4 oz., 8 oz. lb., 11s. 9d. per lb.; 4 lb., 10s. 9½d.; 7 lb., d.; 14 lb. (in 7-lb. packages), 8s. 11½d.; (in 7-lb. packages), 7s. 11d. per lb. net. ges extra and returnable.

IUM BENZOATE.—Steady at 2s. 9d. to 3s. ., according to quantity.

PHANILAMIDE.—Prices range between 5d. and 12s. 6d. per lb., according to ity.

RTARIC ACID.—British makers continue to 3s. 1½d. per lb. for B.P. crystal, less 5 nt. discount.

NILLIN.—Current rates per lb. are as s: 5 cwt., 21s. per lb.; 1 cwt., 21s. 3d.; , 21s. 6d., less than 56 lb., 21s. 9d.

Crude Drugs

AR.—Users of Kobe No. 1 for bacterio- l purposes can obtain supplies at from 75s. per lb.

DES.—Spot prices for Curaçao continue at to 480s. per cwt.; shipment, 360s. to c.i.f. Cape is in good demand, but no spot es are available.

LSAMS.—No further change has occurred y variety. *Tolu*, softish, 15s. 6d. per lb.; *la*, 10s. 6d. per lb.; *Peru*, 8s. 3d. per lb. are no supplies of *Copaiba*.

CHU.—Neither rounds nor ovals are avail- o meet the current demand.

pe Town correspondent writes: Buchu farmers in Africa have had an excellent season. . . . Last about ninety tons were exported, the bulk of it United States. The war has sent buchu prices . The normal price paid to farmers was about per lb. Last season farmers were paid 3s. by dealers f whom lost on the deal, as prices in Britain opened gh and later fell somewhat. American prices were han in England, but the bulk of the crop went there e import of buchu into England was restricted. consignments were sent to Australia and New Zea- The local market is small, supplies going mainly to ts and to distilleries for the preparation of buchu .

MPHOR.—Approved buyers may obtain es from dealers at the following rates per Chinese crude (93 per cent), 10s. per lb.; 11s. 6d.

RDAMOMS.—Business quiet; prices as pre- y quoted. Aleppy greens, spot, 5s. 6d. per leppy seed, 6s. 6d.; split seed, 5s. 6d.

VES.—Market continues quiet, with busi- n a small scale. Zanzibar, spot, 1s. 5¼d. .; second-grade, to arrive, 10d. per lb., sellers.

COCHINEAL.—Blacks may be obtained for medicinal use at 4s. 6d. per lb.

COLOCYNTH.—Fine white pulp is now available on spot at 3s. 3d. per lb., duty paid.

ELEMI.—No. 1 gum would be worth 360s. per cwt. on spot, if available.

ERGOT.—Sound, spot, 5s. 9d. per lb.; shipment, 4s. 9d. per lb., c.i.f.

GINGER.—The first forecast of the ginger crop in the Madras Presidency ("Indian Trade Journal") states that the area under ginger up to August 25, 1943, is estimated at 12,600 acres in Malabar and 600 acres in South Kanara, as against 11,600 acres in Malabar and 350 acres in South Kanara estimated for the corresponding period of the previous year. The condition of the crop is satisfactory and the yield per acre is expected to be normal.

GUM ACACIA.—Spot quotation for Kordofan cleaned sorts is easier at 90s. per cwt.; bleached, afloat, 150s., c.i.f.; Talha, cleaned, 55s. per cwt., landed terms.

IPECACUANHA.—Request continues, but no spot supplies are available at present. Current prices of EXT. IPECAC. LIQ. are as follows: Winchesters, B.P., 1932, under three, 32s. 6d. per lb.; three and under six, 32s.; six and under twelve, 31s. 6d.; twelve and over, 31s.; B.P., 1914, under three, 30s. 6d.; three and under six, 30s.; six and under twelve, 29s. 6d.; twelve and over, 29s. per lb.; all prices quoted are on a net basis.

JALAP.—Rather more interest is being taken and stocks are not too plentiful. Spot price is firmer at 117s. 6d. for 15 per cent. Brazilian.

MENTHOL.—Some small spot parcels may still be available at 95s. per lb.

MERCURY.—Official spot quotations range from £68 10s. to £69 15s. per flask, according to conditions and quantity, with higher rates for smaller lots and redistilled grades.

NUTMEGS.—West Indian, spot, wormy and broken, 1s. 5d. per lb.; sound unassorted, 1s. 8d.

NUX VOMICA.—Cochin, washed and garbled, spot, 42s. 6d. to 45s. per cwt., according to seller; shipment from India, 35s., c.i.f. Cocanada, spot, 37s. 6d. per cwt.; shipment, 32s. 6d., c.i.f.

ORANGE PEEL.—Spanish bitter quarters are offered on spot at 4s. 3d. per lb.; good-quality thin-cut, 4s. 6d.

PEPPERS.—Maximum prices of whole, not picked over or cleaned, on sale to processors, are: 1s. 4d. per lb. for white, and 1s. per lb. for black, both duty paid.

PIMENTO.—There has been no alteration in spot price from 1s. 9d. per lb., sellers; shipment is not quoted.

PODOPHYLLUM.—There appear to be no supplies available on spot, and no shipments are coming forward.

QUILLAIA BARK.—Crushed or cut bark, spot, 95s. per cwt.; natural, 75s.; afloat, 65s., c.i.f. Price in Chile reported tending upwards.

RHUBARB.—In good demand at unchanged prices. Spot, rough-round, 8s. per lb.; flat, high-dried, rough-coat, 8s. to 8s. 3d.; slightly wormy, 8s. Shensi, pickings, 11s.; medium to bold, 13s. to 14s., but the better grades are in little demand.

SAPONIN.—Spot, steady at 7s. 6d. per lb., ex store.

SEEDS.—Market exceedingly dull, with all quotations unchanged. CORIANDER.—Indian, 90s. per cwt. CUMIN.—Maltese, spot, 120s.; Indian, 110s. DILL.—160s., ex wharf Glasgow; 167s. 6d., ex wharf London. FENNEL.—Nominal at 87s. 6d. FENUGREEK.—May be had at 80s. MUSTARD.—Controlled prices as recently recorded are unchanged.

SENNA.—Alexandrian medium pods are at 3s. 9d. to 4s. per lb.; Tinnevelly, manufacturing grade, 6d. to 7½d.; broken Alexandrian leaves, 1s. 3d. to 1s. 4d.; siftings, 1s. 2d.; Tinnevelly No. 1, 9d. to 10d.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.

SQUILL.—Portuguese bulb may be obtained on spot at 80s. per cwt., and Indian at 72s. 6d.

STRAMONIUM LEAVES.—Steady on spot at 95s. per cwt., ex store.

STROPHANTHUS.—Kombé 100 per cent. seed may be obtained on spot at from 10s. to 10s. 6d. per lb., according to quantity.

TRAGACANTH.—Demand continues; spot prices of some of the medium grades are lower as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £102; No. 4, white, £83; pale leaf, £65; amber leaf, £55; dark amber, £40; brown leaf, £30; red-and-brown leaf, £28; red leaf, from £22; hoggy, from £12 to £15.

TURMERIC.—Little interest in this item. Spot price of sound Madras finger is unchanged at 57s. 6d. per cwt., and that of wormy at 55s.

VALERIAN ROOT.—Offered on spot at 95s. per cwt., ex store.

WAXES.—BEES'.—Obtainable only through the Association of Merchant Distributors of Beeswax. CARNAUBA.—Quiet. Fatty grey, spot, steady at 420s.; chalky grey, 410s.; Primeira, 530s. per cwt.

Essential and Expressed Oils

ANISE (STAR).—In good request, but in short supply. Price nominal at 80s. per lb.

BOIS DE ROSE.—Approximately 47s. per lb. would be wanted for any available spot supplies.

CITRONELLA.—Java, spot, approximately 25s. per lb.; Ceylon, about 21s. 6d.

CLOVE.—Genuine B.P. oil continues to be quoted by English distillers at 11s. 6d. to 12s. per lb., according to quantity.

EUCALYPTUS.—Oil containing 70 to 75 per cent. cineole, in drums, approximately 5s. 9d. per lb. on spot; 80 to 85 per cent., around 6s.

GERANIUM.—Genuine North African oil, spot, 85s. to 90s. per lb., according to quantity.

GINGER.—English-distilled oil may be h at approximately 90s. per lb.

GINGERGRASS.—Steady on spot at arou 22s. 6d. per lb.; supplies are in small compa

LEMONGRASS.—About 13s. 6d. would rep sent the present spot price of any availal supplies.

NUTMEG.—Oil from West Indian nutme may be obtained on spot at around 42s. per

PEPPERMINT.—Chinese oil is in short suppl price, if available, would be in the region of 12

PETITGRAIN.—In small supply on spot around 25s. per lb.

ROSEMARY.—Spot, if available, about 1

Controlled Essential Oils.—The followi is the current schedule of prices for controll essential oils. Prices are per lb. for oils livered to consumer in original packages.

Lemon, cold-pressed	18s. 10½d.
Lemon, distilled ..	14s. 4d.
Peppermint	36s. 4d.
Grapefruit	18s. 2d. (incl. duty
Sassafras	11s. 3¼d. (plus 1s. du
Caraway	20s. 4½d. (plus 1s. 1 duty)
Wormseed	15s. (plus purchase t where payable)
Cedarwood	3s. 1d. (plus 3d. duty)
Nutmeg	22s. 3d. (plus 2s. duty
Fennel	11s. 3½d. (plus 1s. duty
Coriander, Russian ..	127s. (plus 11s. 6d. du
Geranium, Bourbon	25s.
,, (Ministry oil)	24s. 6d.
Orange oil, Jamaica	23s. 6d.
Vetivert	37s. 7d. (plus 3s. 5d. du

LEASE-LEND CHEMICALS

THE following is a list of revised prices p lb. of certain of the pharmaceutical ch micals distributed on behalf of the Minist of Supply by the Drugs and Pharmace ticals Importers' Section of the Briti Chemical and Dyestuffs Traders' Associ tion. The revised prices came into operati on November 6.

	In original containers		28-lb. parcels		14-lb. parcels		7-lb parce
	s.	d.	s.	d.	s.	d.	s.
Amidopyrine ..	27	6	30	0	30	6	31
Phenazone ..	18	0	20	0	20	6	21
Pepsin	53	0	—		58	0	59
Peptone	13	0	14	3	14	9	15
Potassium guaiacol sulphonate	12	0	13	3	13	9	14
Urethane ..	8	6	9	3	9	9	10

The list includes also hydrastine hydr chloride, which is priced at £7 10s. per in 25-oz. parcels, and £8 per oz. in $\frac{5}{24}$th packets, and quinoline which is priced p lb. as follows: In 500-lb. drums, 3 100-lb. drums, 3s. 3d.; 50-lb. drums, 3s. 6 $\frac{5}{25}$-lb. containers, 3s. 9d. All prices a ex store.

RICES OF OILS AND FATS

Ministry of Food announces the follow-
rices of refined oils and imported edible
nal fats allocated to primary whole-
rs and large trade users during
eight-week period November 14 to
uary 8.

Oils	Per ton, naked ex works		
	£	s.	d.
ut, refined deodorised	49	0	0
,, hardened deodorised ..	53	0	0
kernel, refined deodorised ..	49	0	0
,, ,, hardened deodor- l	53	0	0
nseed, refined edible	57	0	0
,, ,, deodorised	58	0	0
ndnut / ower / ne/benniseed / bean } refined deodorised ..	58	0	0
ndnut, refined hardened deodorised to 40°	62	0	0
refined hardened deodorised to 50°/52°	63	0	0
refined deodorised	55	0	0
,, hardened deodorised ..	58	0	0
,, ,, ,, ,, to 42°	51	10	0
,, ,, ,, to 46°/48°	52	10	0
Imported Animal Fats			
	£	s.	d.
re, stearine	60	0	0
edible tallow	51	10	0
	(per ton, c.i.f. basis, casks or drums. If in softwood barrels or tierces, £1 per ton extra. If in hardwood barrels or tierces, £3 5s. per ton extra)		
American, premier jus	£62	15	0
,, oleo oil	£70	0	0
,, edible tallow	£54	15	0
	(per ton, c.i.f., in barrels or tierces, duty paid)		

cipal Changes

t will be noted that prices are now given Empire stearine and edible tallow in n softwood and hardwood barrels and ces. South American stearine has been ted and South American edible tallow rted in the list, and South American oil has been increased by £5 per ton.

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upply and Demand.—The demand for te paper for repulping and turning into nitions continues to increase. Your ection of waste paper is vital to the effort.

MISCELLANEOUS INQUIRIES

Medicine Tumblers.—*M. I. C.*—Medicine tumblers do not come within the Board of Trade Order controlling the prices of glass tumblers, because the Order relates specifically to glass tumblers of a capacity of not less than 5 oz.

History of Pharmacy.—*D. W. E.*—You will find a good deal of suitable information in Wootton's "Chronicles of Pharmacy," Volumes 1 and 2. (Offices of THE CHEMIST AND DRUGGIST, 13s. 6d. post free.)

Breakages in Transit.—*H. D. L.*—You have no claim upon the manufacturer for breakages unless you have made a previous arrangement with him. Your proper course is to forward your claim to the railway company or other carriers responsible for the transit, at the same time advising the manufacturer of what you are doing.

Tragacanth in Setting Lotion.—*D. Y.*—Flake tragacanth should be used for making setting lotions. The solution is made 2½ to 3 per cent. and if good gum is used no greater strength is required. Soak the flake tragacanth in the requisite distilled water for 24 hours and then heat the solution to boiling point. Colouring may be added together with suitable perfume. An antiseptic may be required to prevent fermentation.

Treatment of Nævi.—*A. H. P.*—If the nævi are of the capillary type they may be rather difficult to treat, especially if they are extensive. We are informed that radium, although sometimes successful in removing a nævus, may have other undesirable results and we understand that the best hope in disfiguring cases rests with incision and plastic surgery. Some fair results seem to have been obtained with diathermy. Your best plan would be to consult your medical practitioner, who will doubtless be able to give you the best possible advice.

Enamelled Bedpans.—*M. W.*—The prices of practically all enamelled hollowware, whether branded or unbranded, are controlled under the Enamelled Hollowware (Maximum Prices) Order (S. R. & O., 1943, No. 1338), which prescribes maximum wholesale and retail profit margins and ceiling prices. Unbranded items are now marked by the manufacturers with the word "Code," followed by an identifying letter or letters, which refers to groups listed in a schedule to the Order, which is obtainable from H.M. Stationery Office, price fivepence.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real and address to the Editor

Small Doses Justified

SIR,—As a physician who claims the whole field of therapeutics including homœopathy as his domain may one express his regret that anyone in this enlightened age should be so ignorant as to question (*C. & D.*, October 30, p. 452) the value of small doses, e.g. aconite, even such small doses as the thirtieth dilution. One has seen equally as miraculous results from such a potency of aconite in cases where the symptoms were such as to justify its choice as in cases where sulphonamide was indicated and used. In both instances the use of the drugs was justified by the results. Need one say more?—Yours faithfully,

M.D.

Apprentices' Prospects

SIR,—May I trespass on your space to reply to Algid's letter (p. 504). First, I would like to say that I have never sought an apprentice; on the contrary, I have had to refuse applications owing to there being no vacancy. When approached on the subject of the prospects of pharmacy, I have always striven to stress the disadvantages more than the advantages (and in passing I can assure Algid that these advantages do exist and that they are considerable). When the apprentice has entered upon his career, I have continued to be honest, giving the most thorough and comprehensive training, and trying to inculcate that same love of craft which has been a continual source of pleasure to me for over forty-five years. I may add that not one of my apprentices has failed to qualify at the first attempt, nor to continue in his chosen profession. Algid's experience is the exact opposite to mine. In this town there are seven privately-owned pharmacies, and six of the various proprietors' offspring are manipulating pestle and mortar.—Yours faithfully,

Grantham. J. CHESHIRE.

Marines or Mines

SIR,—It was with some considerable disgust that I read in last week's issue of THE CHEMIST AND DRUGGIST (p. 494) that pharmacists are being directed to work in the coal mines. I gave the article to a local doctor to read when he called, and after reading it I am afraid he cast considered doubt about the sanity of certain peo certain high places. The question that pharmacist who reads that article mu asking himself is "Will the Council o Pharmaceutical Society take some a now as a result of this latest slap in face?" If the Ministry of Labour that pharmacists cannot be consider professional body, then let us take only action that is open to us as a bo force the issue. Let us shut our dispe departments for a week, and see i Ministry of Health would like that.

Yours faithfully,

Bilston, Staffs. TREVOR SHELL

Rubber Industry's Example

SIR,—In the tribute to the rubber in try which you publish from Lord Strath (*C. & D.*, October 23, p. 426), and for w we are grateful to him, he urges the fe tion of other trade associations whose m bers, like our own, are dependent up common raw material. The recomme tion is all the more important when ap to those industries likely to suffer fr temporary shortage of raw materials the war is over. Raw material sho means controlled allocations, and the turn involve priorities. Such priorities best be fixed in relation to an entire ind and should not be influenced by the peting claims of individual trade as tions. The rubber industry provides a example. During the last year of pea exported no fewer than twenty-six diff products to a total value of £5,647 Assuming a temporary shortage of ru after the war, which of these prod should receive priority? As in the ru industry, so in others: decisions will ha be made, and, from a practical point of these may best be based upon the re mendations of federated trade associati

Yours faithfully,

H. L. KENWA

(Chairman of the Reconstruc Committee, Federation of Br Rubber and Allied Manufactu

London. Associations).

"C. & D." Quiz No. 15.—The answers t questions given on p. 511 are: 1. Red sa wood. 2. Cinnamic alcohol. 3. Lo 4. Lavoisier. 5. Liq. antim. chlor. 6. L glucose. 7. Gelsemium. 8. Annatto seed, *Bixa Orellana*. 9. Carbromal. 10. Araroba

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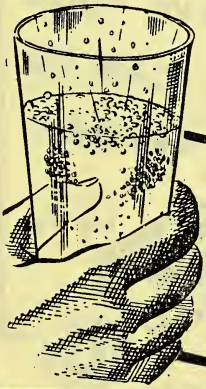

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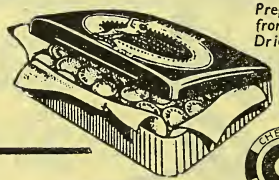

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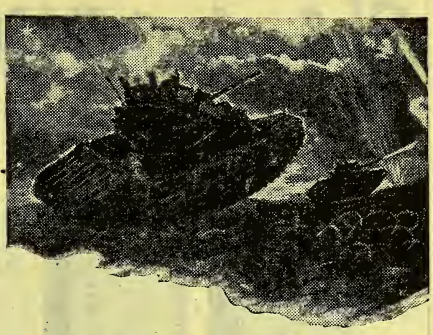

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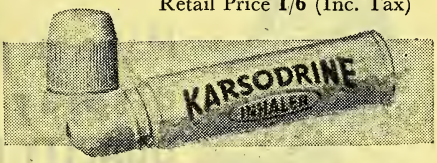

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28 ESSEX STREET, LONDON, W.C.2

NOVEMBER 20 1943

upplement Advertisements must be prepaid and should reach us not later than FIRST POST WEDNESDAY f week of issue. Box Office numbers 1/- extra. Late advertisements will be held over to following week.

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